

## DOCUMENT RESUME

ED 237 087

IR 050 501


**AUTHOR** Rodman, John A.  
**TITLE** Keyword Thesaurus. A List of Terms and Codes to Identify Areas of Interest for Research and Other Types of Sponsored Programs. Keyword Thesaurus Project Update for New Participants.  
**INSTITUTION** Texas Univ., Dallas.  
**SPONS AGENCY** National Endowment for the Humanities (NFAH), Washington, D.C.; National Science Foundation, Washington, D.C.  
**PUB DATE** [Jun 82]  
**NOTE** 53p.  
**PUB TYPE** reference Materials -  
Vocabularies/Classifications/Dictionary (134)  
**EDRS PRICE** MF01/PC03 Plus Postage.  
**DESCRIPTORS** \*Classification; Higher Education; Indexing;  
\*Information Dissemination; \*Program Descriptions;  
\*Program Proposals; \*Research Projects; \*Subject  
Index Terms  
**IDENTIFIERS** \*Keywords; National Endowment for the Humanities;  
National Institute of Education; National Science  
Foundation; Requests for Proposals

**ABSTRACT**

This list of program types and keywords (with codes) was prepared for program officers at the National Endowment for the Humanities, the National Institute of Education, and the National Science Foundation to use when preparing program announcements and requests for proposals. Staff persons responsible for screening such documents at colleges and universities may then use the codes to identify which of the faculty at their institutions should be notified. Twenty-four program types are listed for coding funding announcements or solicitations to indicate the type of activity which may be supported. A Keywords Categorical List includes geographic terms which may either be the subject of research or a project location. The remaining keywords are divided into nine broad categories representing major classifications: (1) agriculture/food sciences/food; (2) arts/humanities/cultural activities; (3) behavioral/social sciences; (4) education; (5) engineering; (6) health and safety; (7) law; (8) management/commerce; and (9) science and technology/mathematics/computer science. An "other" category includes fire/flammability studies, military science/military history/peace/amnesty, recreation and leisure studies, and university/industry cooperative activities. Instructions for assigning terms are included. More than 100 colleges and universities participated in this experimental thesaurus project in 1982-83. Project newsletters, an update for new participants, and an evaluation questionnaire sent to participants along with this version of the thesaurus are attached. (LMM)

\*\*\*\*\*  
\* Reproductions supplied by EDRS are the best that can be made \*  
\* from the original document. \*  
\*\*\*\*\*

**U.S. DEPARTMENT OF EDUCATION  
NATIONAL INSTITUTE OF EDUCATION  
EDUCATIONAL RESOURCES INFORMATION  
CENTER (ERIC)**

-  This document has been reproduced as received from the person or organization originating it.
- ☐ Minor changes have been made to improve reproduction quality.
- 
- Points of view or opinions stated in this document do not necessarily represent official NIE position or policy.

## ACKNOWLEDGMENTS

I would like to thank the National Endowment for the Humanities and the National Science Foundation for their funding of this project, which has been a goal of mine for several years. I would also like to thank the National Institute of Education for their encouragement and participation in the project. In particular, the following government personnel have been most helpful in offering their time, advice and efforts in the compilation of this Keyword Thesaurus:

Dr. Bruce R. Abell, Dr. Carlos Kruytbosch, and  
Ms. Myra McAuliffe (National Science Foundation)

Dr. Stanley Turesky (National Endowment for the Humanities)

Ms. Mollie McAdams (National Institute of Education)

A special word of thanks goes to Dr. Geoffrey Marshall of NEH for his unwavering support and encouragement from the beginning.

The following colleagues devoted many hours of effort towards the Thesaurus and questionnaires and their years of experience in research and research administration have proven of inestimable benefit:

Dr. Raymond R. Fox (George Washington University)

Mr. Edward Johnson and Ms. Rose Thorsen (State University  
of New York Research Foundation)

Ms. Peggy S. Lowry (University of Illinois at Urbana)

Mr. Victor Medina (University of Maryland)

Ms. Ellen Williams (Stanford University)

A special expression of thanks and recognition goes to my home troops, Ms. Elizabeth Hudson and Mr. Ryan Sumerford of The University of Texas at Dallas, who have worked on the actual assembly of terms and coordination of ideas from all the consultants. Their experience in the pre-award area of resource identification has contributed many valuable suggestions. Without their effort, knowledge, understanding and enthusiasm this project would have not been completed.

Finally, a special thank you to the many persons who have made valuable suggestions and to all the institutions who have agreed to participate in this project.

John A. Rodman  
Dallas, Texas  
June 1982

# TABLE OF CONTENTS

	PAGE
<u>INTRODUCTION</u> . . . . .	1
<u>PROGRAM TYPES</u> . . . . .	4
<u>KEYWORDS--CATEGORICAL LIST</u>	
<u>GEOGRAPHIC TERMS</u>	
CONTINENTS . . . . .	5
HEMISPHERES . . . . .	5
ISLANDS AND CHAINS . . . . .	5
OCEANS AND SEAS . . . . .	5
POLAR REGIONS . . . . .	5
NATIONS OF THE WORLD . . . . .	5
SUBDIVISIONS: ECONOMIC/LINGUISTIC/POLITICAL . . . . .	6
REGIONS OF THE UNITED STATES . . . . .	6
<u>AGRICULTURE/FOOD SCIENCES/FOODS</u>	
AGRICULTURE . . . . .	7
FOOD SCIENCES . . . . .	7
FOODS . . . . .	7
<u>ARTS/HUMANITIES/CULTURAL ACTIVITIES</u>	
AESTHETICS . . . . .	8
ANTHROPOLOGY . . . . .	8
ARCHAEOLOGY . . . . .	8
AREA STUDIES (ARTS/HUMANITIES RELATED) . . . . .	8
ARTS, GENERAL/OTHER . . . . .	8
CREATIVE WRITING . . . . .	8
CRITICISM . . . . .	8
CULTURAL ACTIVITIES . . . . .	8
DESIGN ARTS . . . . .	8
FOLK/ETHNIC STUDIES . . . . .	8
GEOGRAPHY . . . . .	8
HISTORY . . . . .	8
HUMANITIES, GENERAL/OTHER . . . . .	8
JURISPRUDENCE . . . . .	8
LANGUAGE AND/OR LITERATURE . . . . .	8
LINGUISTICS . . . . .	8
MEDIA ARTS . . . . .	8
MUSEUMS . . . . .	8
MUSIC . . . . .	8
PERFORMING ARTS . . . . .	8
PHILOSOPHY . . . . .	8
RELIGIOUS STUDIES . . . . .	8
RESTORATION AND PRESERVATION . . . . .	8
VISUAL ARTS . . . . .	8

## BEHAVIORAL/SOCIAL SCIENCES

ANTHROPOLOGY . . . . .	9
ARCHAEOLOGY . . . . .	9
AREA AND POPULATION STUDIES/SERVICES . . . . .	9
BEHAVIORAL/SOCIAL STUDIES/SERVICES, OTHER . . . . .	9
COMMUNICATIONS . . . . .	9
COUNSELING/GUIDANCE . . . . .	9
CRIMINOLOGY . . . . .	9
ECONOMICS . . . . .	9
GEOGRAPHY . . . . .	9
LINGUISTICS . . . . .	9
PLANNING/POLICY STUDIES . . . . .	10
POLITICAL SCIENCE . . . . .	10
POPULATION STUDIES . . . . .	10
PSYCHOLOGY . . . . .	10
REHABILITATION/THERAPY . . . . .	10
SOCIAL SERVICES . . . . .	10
SOCIOLOGY . . . . .	10

## EDUCATION

EDUCATIONAL ADMINISTRATION AND POLICY . . . . .	11
EDUCATIONAL/INSTRUCTIONAL PROGRAMS . . . . .	11
EDUCATIONAL MODES/PSYCHOLOGY/THEORY . . . . .	11
ELEMENTARY/SECONDARY EDUCATION . . . . .	11
HIGHER EDUCATION . . . . .	11
PRE-SCHOOL EDUCATION . . . . .	11
SPECIAL EDUCATION . . . . .	11

## ENGINEERING

AERONAUTICAL AND ASTRONAUTICAL ENGINEERING . . . . .	12
BIOENGINEERING . . . . .	12
BIOMEDICAL ENGINEERING . . . . .	12
CERAMIC ENGINEERING . . . . .	12
CHEMICAL ENGINEERING . . . . .	12
CIVIL ENGINEERING . . . . .	12
ELECTRONICS AND ELECTRICAL ENGINEERING . . . . .	12
INDUSTRIAL ENGINEERING . . . . .	13
MECHANICAL ENGINEERING . . . . .	13
MINING ENGINEERING . . . . .	13
PETROLEUM ENGINEERING . . . . .	13

## HEALTH AND SAFETY

HEALTH AND SAFETY . . . . .	14
-----------------------------	----

## LAW

LAW . . . . .	15
---------------	----

## MANAGEMENT/COMMERCE

MANAGEMENT/COMMERCE . . . . .	16
-------------------------------	----

SCIENCE & TECHNOLOGY/MATHEMATICS/COMPUTER SCIENCE

ATMOSPHERIC SCIENCES . . . . .	17
BIOLOGICAL SCIENCES . . . . .	17
CHEMICAL SCIENCES . . . . .	17
COMPUTER SCIENCE . . . . .	17
EARTH SCIENCES . . . . .	18
ENERGY . . . . .	18
ENVIRONMENTAL STUDIES . . . . .	18
MARINE SCIENCES . . . . .	18
MATERIALS SCIENCES . . . . .	18
MATHEMATICS . . . . .	19
MINING . . . . .	19
NUCLEAR SCIENCES . . . . .	19
PHYSICAL SCIENCES . . . . .	19
SCIENCE, GENERAL/OTHER . . . . .	19
SPACE SCIENCES . . . . .	19
TECHNOLOGY . . . . .	19
TEXTILES . . . . .	19

OTHER

FIRE/FLAMMABILITY STUDIES . . . . .	20
HOUSING . . . . .	20
LIBRARY SCIENCE . . . . .	20
MILITARY SCIENCES/MILITARY HISTORY . . . . .	20
PEACE/AMNESTY . . . . .	20
RECREATION AND LEISURE STUDIES . . . . .	20
UNIVERSITY/INDUSTRY COOPERATIVE ACTIVITIES . . . . .	20

<u>KEYWORDS--ALPHABETICAL LIST . . . . .</u>	21
--	----

## INTRODUCTION

### OVERVIEW

The National Endowment for the Humanities, the National Science Foundation, and the National Institute of Education, together with over a hundred colleges and universities, are participating in this experimental Keyword Thesaurus project in 1982-83. Representatives of those government agencies, along with research administrators and faculty from half a dozen universities across the United States, have compiled the list of Program Types and Keywords which begins on page 4. Program officers at NEH, NIE, and NSF will use this coded list when preparing program announcements and RFP's, placing the appropriate Program Type codes and Keyword codes at the beginning of each announcement or solicitation. At colleges and universities across the country, the staff persons responsible for screening such documents may then use the codes to identify which of the faculty at their institutions should be notified. (It is assumed that participating institutions will encourage their faculty to choose as early as possible which Keyword codes best represent their interests. This information may be maintained on a card file, a word processor, or a computer. It is suggested that the entire Thesaurus be available for the faculty's use, since terms of interest may appear in sections which are outside the strict limits of an academic discipline.)

### OBJECTIVES

It is hoped that use of this Keyword Thesaurus will bring about greater accuracy in matching the focus of announcements with the research interests of the faculty, time savings of staff in the resource identification process, more timely notification of the faculty, and improved relationships with the faculty. Precise classification of announcements, and an efficient matching system, allowing notification of and response by the most interested and qualified professors, will enhance the effective use of time and energy within the research community as well as within the government agencies. If the experiment proves successful, it is possible that the Thesaurus will be implemented by all federal agencies.

### DEFINITIONS

PROGRAM TYPES, coded to funding announcements or solicitations, indicate the types of activity which may be supported.

#### KEYWORDS--CATEGORICAL LIST:

GEOGRAPHIC TERMS: This is a specialized list of Keywords--a list of geographic areas which may be either the subject of research or the location in which a project is to take place.

Categorical Subdivisions: The remaining Keywords are divided into nine broad categories representing major classifications, and one "OTHER" category. Within most major categories are subtopics, with further groupings under them. There are a few exceptions: HEALTH AND SAFETY, LAW, and MANAGEMENT/COMMERCE are aggregate lists with no subgroupings.

KEYWORDS--ALPHABETICAL LIST is a listing, in alphabetical order, of all the Keyword terms which appear in the Categorical List.



## THE CODING SCHEME

A seven-digit code is associated with each unique Keyword term and is assigned according to the term's position in the Categorical List. The first two digits designate the major category, the third and fourth digits designate a subtopic (or a grouping which is not further subdivided) and the last three digits designate a unique term within a subtopic.

Ex. 0605001 = The major category ENGINEERING (06), the subtopic CHEMICAL ENGINEERING (05), and the unique term "Process Development Engineering" (001).

Ex. 0408009 = The major category BEHAVIORAL/SOCIAL SCIENCES (04), the subtopic ECONOMICS (08), and the unique term "Macroeconomics" (009).

There are some terms which appear in more than one place in the Categorical List. If the term has the same meaning, even though it appears in different contexts, it will have only one code associated with it, and that will be assigned to the position which seems the most logical. An italicized code indicates that the code was assigned to the term in another location.

Ex. 1006002 Biomass Energy  
The code was assigned to the term "Biomass Energy" under the subtopic ENERGY in the SCIENCE AND TECHNOLOGY/MATHEMATICS/COMPUTER SCIENCE category, but the term also appears under AGRICULTURE, with the code in italics.

## INSTRUCTIONS

For a given announcement, the codes for Program Types are used in addition to the codes for Keywords and/or Keyword Geographic Terms, and more than one code from each of these sections may be used.

Ex. Program Types 08 (Cultural Outreach) and 20 (Exhibitions, Collections, Performances) may be used in combination with Keyword codes 0316001 (Dance), 0316002 (Dramatic/Theatre Arts); and 0316005 (Music, Instrumental).

The list of Keyword Geographic Terms may be used in combination with Program Types alone, or together with Program Types and other Keywords.

Ex. Program Type 48 (Travel) and Keyword code 0112070 (Japan) would indicate that travel to Japan would be supported, but would not specify what type of activity would then be undertaken in Japan.

Ex. Program Types 34 (Research) and 48 (Travel) may be used in combination with Keyword codes 0112070 (Japan) and 0309010 (Modern History) to indicate that research and travel would be supported for activities concerning modern Japanese history.

These Geographic Terms may be used with *any* other terms in the Thesaurus, but they seem particularly suitable for combination with such terms as AREA STUDIES (ARTS/HUMANITIES RELATED), FOLK/ETHNIC STUDIES, HISTORY, LANGUAGE AND/OR LITERATURE, VISUAL ARTS, International Trade & Finance, and Environmental Geography.



*It is hoped that agency officers will make their coding as specific as possible, but sometimes their focus may be general. It is up to the institution to see that its search routine (whether done manually, by word processor, or by computer) conforms to the directions that are given to its faculty when they select their areas of interest. For example, if faculty members want to see all announcements in CRIMINOLOGY (subtopic 0407000), there are two alternatives:*

- (1) They may indicate the subtopic code 0407000, and all of the specific codes under it; that is, they may list 0407001, 0407002, 0407003, etc.
- (2) They may indicate only the code 0407000--if the institution intends to perform searches on the level of the first four digits only. The search would then find any program that begins with 0407. If, however, a full seven-digit search is performed, all seven digits must appear in the faculty member's record, and 0407000 would indicate that only announcements coded for the broad subtopic CRIMINOLOGY would be matched to the faculty member.

*It should be stressed to all participants that the agencies will be coding as specifically as possible, and that the subtopic codes are not inclusive of the specific codes listed beneath them. 0407000 (CRIMINOLOGY) is intended to be used only when an announcement is too general to fit into one of the specific terms listed beneath it, or when a specific announcement cannot reasonably be fit into one of the specific terms. For these reasons, faculty members may wish to list the subtopic (0407000, CRIMINOLOGY), along with one or more of the specific codes which are of interest to them. In this instance the faculty members would receive announcements coded to the specific codes that were marked, as well as those announcements (which may or may not interest them) which have been coded to the general subtopic only. Again, it is hoped that agency officers will endeavor to use specific codes, and avoid coding announcements with a subtopic code only, thereby limiting most of the "generally" coded announcements to those which are general.*

*If you have any questions regarding the use of this Thesaurus, please contact John Rodman or Elizabeth Hudson at AC 214/690-2211.*

## PROGRAM TYPES

02	CAPITAL CONSTRUCTION
04	CENTERS: RESEARCH/DEMONSTRATION/SERVICE
06	CONSULTING/VISITING PERSONNEL
08	CULTURAL OUTREACH
10	CURRICULUM DEVELOPMENT
12	DEMONSTRATION
14	DEVELOPMENT
16	DISSEMINATION OF INFORMATION
18	EQUIPMENT
20	EXHIBITIONS, COLLECTIONS, PERFORMANCES
22	FELLOWSHIPS
24	GENERAL OPERATING SUPPORT
26	INTERNSHIPS
28	MATERIALS ACQUISITION (BOOKS, TAPES, ETC.)
30	PRESERVATION/RESTORATION
32	PUBLICATION
34	RESEARCH
36	RESOURCES (SHARED/NON-ACQUISITION)
38	SERVICE DELIVERY PROGRAMS
40	STUDENT SUPPORT (INCLUDING DISSERTATION SUPPORT)
42	SYMPOSIUMS, CONFERENCES, WORKSHOPS, INSTITUTES, SEMINARS
44	TRAINING
46	TRANSLATIONS/EDITING
48	TRAVEL

## GEOGRAPHIC TERMS

### CONTINENTS

0101000 AFRICA  
0101001 Central  
0101002 Eastern  
0101003 Northern  
0101004 Southern  
0101005 Western  
  
0102000 ANTARCTICA  
  
0103000 ASIA  
0103001 Arabian Peninsula  
0103002 Central  
0103003 East (Far East)  
0103004 Middle East  
0103005 Northern  
0103006 Southeast  
0103007 Southern  
0103008 Western  
  
0104000 EUROPE  
0104001 British Isles  
0104002 Eastern  
0104003 Northern  
0104004 Scandinavia  
0104005 Southern  
0104006 Western  
  
0105000 NORTH AMERICA  
  
0106000 OCEANIA  
(Including Australia)  
  
0107000 SOUTH AMERICA  
0107001 Central America

### HEMISPHERES

0108001 Eastern Hemisphere  
0108002 Northern Hemisphere  
0108003 Southern Hemisphere  
0108004 Western Hemisphere

### ISLANDS AND CHAINS

0109001 Antilles  
0109002 Azores  
0109003 Bermuda  
0109004 Canary Islands  
0109005 Falkland Islands  
0109006 Galapagos Islands  
0109007 Greenland  
0109008 Guam  
0109009 Mariana Islands  
0109010 Pacific Islands Trust Territory  
0109011 Polynesia  
0109012 Samoa  
0109013 Virgin Islands  
0109014 West Indies

### OCEANS AND SEAS

0110001 Antarctic Ocean  
0110002 Arctic Ocean  
0110003 Atlantic Ocean  
0110004 Baltic Sea  
0110005 Bering Sea  
0110006 Black Sea  
0110007 Caribbean Sea  
0110008 China Seas  
0110009 Gulf of Mexico  
0110010 Hudson Bay  
0110011 Indian Ocean  
0110012 Japan, Sea of  
0110013 Mediterranean Sea  
0110014 North Sea  
0110015 Pacific Ocean  
0110016 Red Sea  
0110017 Yellow Sea

### POLAR REGIONS

0102000 Antarctic  
0111001 Arctic

### NATIONS OF THE WORLD

0112001 Afghanistan  
0112002 Albania  
0112003 Algeria  
0112004 Angola  
0112005 Argentina  
0112006 Australia  
0112007 Austria  
0112008 Bahamas  
0112009 Bahrain  
0112010 Bangladesh  
0112011 Belgium  
0112012 Belize  
0112013 Benin  
0112014 Bhutan  
0112015 Bolivia  
0112016 Botswana  
0112017 Brazil  
0112018 Bulgaria  
0112019 Burma  
0112020 Burundi  
0112021 Cameroon  
0112022 Canada  
0112023 Cape Verde  
0112024 Central African Republic  
0112025 Chad  
0112026 Chile  
0112027 China (People's Republic)  
0112028 Colombia  
0112029 Comoros  
0112030 Congo  
0112031 Costa Rica  
0112032 Cuba  
0112033 Cyprus  
0112034 Czechoslovakia  
0112035 Denmark  
0112036 Djibouti  
0112037 Dominica  
0112038 Dominican Republic

0112039	Ecuador	0112109	Poland
0112040	Egypt (United Arab Republic)	0112110	Portugal
0112041	El Salvador	0112111	Qatar
0112042	Ethiopia	0112112	Romania
0112043	Fiji	0112113	Rwanda
0112044	Finland	0112114	Saint Lucia
0112045	France	0112115	Sao Tome & Principe
0112046	French Guiana	0112116	Saudi Arabia
0112047	Gabon	0112117	Senegal
0112048	Gambia	0112118	Seychelles
0112049	German Democratic Republic (East Germany)	0112119	Sierra Leone
0112050	Germany, Federal Republic of (West Germany)	0112120	Singapore
0112051	Ghana	0112121	Solomon Islands
0112052	Greece	0112122	Somalia
0112053	Guatemala	0112123	South Africa
0112054	Guinea	0112124	Soviet Union (USSR)
0112055	Guinea-Bissau	0112125	Spain
0112056	Guyana	0112126	Sri Lanka (Ceylon)
0112057	Haiti	0112127	Sudan
0112058	Honduras	0112128	Suriname
0112059	Hungary	0112129	Swaziland
0112060	Iceland	0112130	Sweden
0112061	India	0112131	Switzerland
0112062	Indonesia	0112132	Syria
0112063	Iran	0112133	Taiwan (Nationalist China)
0112064	Iraq	0112134	Tanzania
0112065	Ireland	0112135	Thailand
0112066	Israel	0112136	Tibet
0112067	Italy	0112137	Togo
0112068	Ivory Coast	0112138	Trinidad and Tobago
0112069	Jamaica	0112139	Tunisia
0112070	Japan	0112140	Turkey
0112071	Jordan	0112141	Uganda
0112072	Kampuchea (Cambodia)	0112142	United Arab Emirates
0112073	Kenya	0112143	United Kingdom (Great Britain and Northern Ireland)
0112074	Korea	0112144	United States
0112075	Kuwait	0112145	Upper Volta
0112076	Laos	0112146	Uruguay
0112077	Lebanon	0112147	Venezuela
0112078	Lesotho	0112148	Vietnam
0112079	Liberia	0112149	Yemen
0112080	Libya	0112150	Yugoslavia
0112081	Luxembourg	0112151	Zaire
0112082	Madagascar	0112152	Zambia
0112083	Malawi	0112153	Zimbabwe (Rhodesia)
0112084	Malaysia		
0112085	Maldives		
0112086	Mali		
0112087	Malta		
0112088	Mauritania		
0112089	Mexico		
0112090	Monaco		
0112091	Mongolia		
0112092	Morocco		
0112093	Mozambique		
0112094	Namibia		
0112095	Nepal		
0112096	Netherlands		
0112097	New Zealand		
0112098	Nicaragua		
0112099	Niger		
0112100	Nigeria		
0112101	Norway		
0112102	Oman		
0112103	Pakistan		
0112104	Panama		
0112105	Papua New Guinea		
0112106	Paraguay		
0112107	Peru		
0112108	Philippines		

<u>SUBDIVISIONS: ECONOMIC/LINGUISTIC/POLITICAL</u>	
0113001	Arab States
0113002	British Commonwealth of Nations
0113003	Developing/Underdeveloped Nations
0113004	European Common Market
0113005	Latin America
0113006	Non-Aligned/Third World Nations
0113007	Soviet Bloc

<u>REGIONS OF THE UNITED STATES</u>	
0114001	Alaska
0114002	Atlantic Central
0114003	Great Lakes
0114004	Hawaii
0114005	Midwest
0114006	New England
0114007	Northeast
0114008	Northwest
0114009	Southeast
0114010	Southwest

0200000

AGRICULTURE/FOOD SCIENCES/FOODS

## 0201000 AGRICULTURE

0201001 Agricultural Chemical Application  
 0201002 Agricultural Collectives/ Cooperatives  
 0201003 Agricultural Commodities  
 0408001 Agricultural Economics  
 0201004 Agricultural Engineering  
 0201005 Agricultural Finance  
 0801002 Agricultural Law  
 0201006 Agricultural Management  
 0201007 Agricultural Planning/Policy  
 0502001 Agriculture Education  
 0201008 Agronomy  
 0201009 Animal Behavior/Ethology  
 0201010 Animal Breeding  
 0201011 Animal Care  
 0201012 Animal Communication  
 0201013 Animal Diseases/Pathology  
 0201014 Animal Drugs  
 0201015 Animal Feeds/Nutrition  
 0201016 Animal Genetics  
 0201017 Animal Housing  
 0201018 Animal Physiology  
 0201019 Animal Science  
 0201020 Animal Waste  
 1002003 Bacteriology  
 1003002 Biochemistry  
 1002000 Biology  
 1006002 Biomass Energy  
 1002013 Botany  
 0201021 Commodity Futures  
 0201022 Conservation (Agriculture)  
 0201023 Crop Insurance  
 0201024 Crop Science  
 1002015 Cytology  
 0201025 Dairy Science  
 0201026 Drainage  
 1002016 Ecology  
 1002017 Embryology  
 1002018 Entomology  
 0201027 Farm Machinery  
 0201028 Farm and Ranch Management  
 0201029 Fertilizers  
 0201030 Fish and Fisheries  
 0201031 Forest Economics  
 0201032 Forestry and Woodlands  
 1002019 Genetics  
 0201033 Grains  
 0201034 Herbicides  
 1002021 Histology  
 0201035 Horticulture  
 1002023 Immunology  
 0201036 International Agriculture  
 0201037 Irrigation  
 0201038 Land Management  
 1007006 Land Pollution  
 1002025 Limnology  
 0201039 Livestock  
 0201040 Marketing Agreements (Agri.)  
 1002027 Microbiology  
 0201041 Migrant Labor  
 0201042 Migratory Animals and Birds  
 1002008 Molecular Biology  
 1002028 Mutagenics  
 0201043 Nursery Stock  
 1002032 Parasitology  
 0201044 Pest Management  
 0201045 Pesticides  
 1002033 Photosynthesis  
 1002035 Plant Breeding  
 1002036 Plant Diseases/Pathology  
 1002037 Plant Genetics  
 1002038 Plant Nutrition  
 1002039 Plant Physiology

1002040

1002041

0201046

0201047

0201048

0201049

1002009

0201050

0201051

0201052

0201053

0201054

0201055

0201056

0201057

0201058

0201059

0201060

1007008

0201061

0201062

0201063

0201064

1002047

Plant Sciences

Plant Virology

Plant/Soil Nutrient

Bioavailability

Pollen and Pollination

Poultry Science

Production Economics and Management (Agriculture)

Radiation Biology

Range Management

Seed Production

Soil Sciences

Soil Sciences, Conservation

Soil Sciences, Erosion

Soil Sciences, Soil Genesis

Stockyards

Tobacco

Veterinary Medicine

Veterinary Toxicology

Waste Management (Agriculture)

Water Pollution

Water Resources (Agriculture)

Weed Sciences

Wildlife

Wood

Zoology

## 0202000 FOOD SCIENCES

0202001

0202002

0202003

0202004

0202005

0202006

0202007

0202008

0202009

0202010

0202011

0202012

0202013

0202014

0202015

0202016

0202017

0202018

0202019

0202020

0202021

0202022

Food Additives

Food Analysis

Food Chemistry

Food Consumption

Food Distribution

Food Drying

Food Engineering

Food Labeling

Food Management

Food Manufacturing

Food Marketing

Food Practices

Food Preparation

Food Preservation

Food Processing

Food Safety

Food Storage

Food Technology

Food and Trade Policy

Foods, Frozen

Meat Inspection

Nutrition/Dietetics

## 0203000 FOODS

0203001

0203002

0203003

0203004

0203005

0203006

0203007

0203008

0203009

0203010

0203011

0203012

0203013

0203014

0203015

0203016

0203017

0203018

0203019

0203020

0203021

0203022

0203023

Bakery Products

Beverages, Alcoholic

Beverages, Non-Alcoholic

Cacao Products

Candy

Cereals

Coffee

Color Additives

Cottonseeds

Dairy Products

Dietary Foods

Feed Grains

Fruits

Meat and Meat Products

Nuts

Oils and Fats

Oilseeds

Poultry Products

Seafood

Spices and Flavorings

Sugar

Tea

Vegetables

0300000

ARTS/HUMANITIES/CULTURAL ACTIVITIES(See Also: BEHAVIORAL/SOCIAL SCIENCES).

0301000 AESTHETICS  
 0401000 ANTHROPOLOGY  
 0401001 Anthropology, Cultural/Social

0402000 ARCHAEOLOGY

0302000 AREA STUDIES (ARTS/HUMANITIES  
 RELATED)  
 (See Also: AREA & POPULATION  
 STUDIES/SERVICES)

0303000 ARTS, GENERAL/OTHER  
 0303001 Art Administration  
 0502003 Art Education  
 0309004 Art History and Appreciation

0304000 CREATIVE WRITING  
 0304001 Drama  
 0304002 Fiction  
 0304003 Non-Fiction  
 0304004 Poetry  
 0304005 Translation

0305000 CRITICISM  
 0305001 Art Criticism  
 0305002 Literary Criticism  
 0305003 Music Criticism  
 0305004 Theatre/Film Criticism

0306000 CULTURAL ACTIVITIES

0307000 DESIGN ARTS  
 0307001 Architecture  
 0307002 Environmental Design/Technology  
 0307003 Fashion/Textiles Design  
 0307004 Graphic Design  
 0307005 Interior Design  
 0307006 Landscape Architecture/Design  
 0307007 Regional/Urban Design  
 (See Also: PLANNING/POLICY  
 STUDIES)  
 0307008 Set/Theatre Decoration/Design

0308000 FOLK/ETHNIC STUDIES  
 0308001 Folk/Ethnic Arts  
 0308002 Folklore and Mythology

0409000 GEOGRAPHY  
 (See: GEOGRAPHY list under  
BEH./SOC. SCIENCES)

0309000 HISTORY  
 0309001 Ancient/Classical  
 0309002 Byzantine  
 0309003 Economic History  
 0309004 History & Appreciation of Art  
 0309005 History & Appreciation of Music  
 0309006 History of Law  
 0309007 History of Philosophy  
 0309008 History of Science & Technology  
 0503015 History/Philosophy of Education  
 0309009 Medieval  
 0309010 Modern  
 0309011 Oral History  
 0309012 Renaissance

0310000 HUMANITIES, GENERAL/OTHER  
 0310001 Humanities Planning/Policy  
 0502019 Humanities/Liberal Education

0311000 JURISPRUDENCE

0312000 LANGUAGE AND/OR LITERATURE  
 0312001 Classical/Ancient  
 0312002 Classical Greek  
 0312003 Classical Latin  
 0312004 Comparative Literature  
 0312005 Drama  
 0312006 Fiction  
 0312007 Medieval  
 0312008 Modern  
 0312009 Non-Fiction  
 0312010 Poetry  
 0312011 Renaissance  
 0312012 Translation

0410000 LINGUISTICS

0313000 MEDIA ARTS  
 0313001 Cinema/Video  
 0503013 Educational/Television  
 0313002 Journalism  
 0313003 Photography  
 0313004 Radio

0314000 MUSEUMS

0315000 MUSIC  
 0502026 Music Education  
 0309005 Music History & Appreciation  
 0315001 Musicology/Music Theory

0316000 PERFORMING ARTS

0316001 Dance  
 0316002 Dramatic/Theatre Arts  
 0316003 Music Composition  
 0316004 Music Conducting  
 0316005 Music, Instrumental  
 0316006 Music, Vocal  
 0316007 Opera/Musical Theatre

0317000 PHILOSOPHY

0901009 Ethics, Business  
 0701028 Ethics, Medical  
 1010007 Logic  
 0309007 Philosophy, History of  
 0503015 Philosophy/History of  
 Education

0318000 RELIGIOUS STUDIES

0319000 RESTORATION AND PRESERVATION

0319001 Art Works/Artifacts  
 0319002 Manuscripts/Books/Music Scores  
 0319003 Structural/Architectural

0320000 VISUAL ARTS

0320001 Ceramics (Visual Arts)  
 0320002 Craft Arts  
 0320003 Decorative Arts  
 0320004 Drawing  
 0320005 Jewelry/Metal Arts  
 0320006 Painting  
 0320007 Print Making  
 0320008 Sculpture  
 0320009 Textile/Weaving Arts



0400000

BEHAVIORAL/SOCIAL SCIENCES

(See Also: ARTS/HUMANITIES/CULTURAL ACTIVITIES, and  
MANAGEMENT/COMMERCE)

0401000 ANTHROPOLOGY  
0401001 Anthropology, Cultural/Social  
0401002 Anthropology, Physical

0402000 ARCHAEOLOGY

0403000 AREA & POPULATION STUDIES/  
SERVICES  
[See Also: AREA STUDIES  
(ARTS/HUMANITIES  
RELATED)]

0403001 Adolescence  
0403002 Blacks  
0403003 Children and Youth  
0403004 Community/Outreach Programs  
0403005 Cross-Cultural  
0113003 Developing/Underdeveloped  
Nations  
0403006 Familial Abuse  
0403007 Family  
0701014 Family Health/Planning/Safety  
0403008 Handicapped/Disabled  
0403009 Hispanics  
0403010 Illegal Aliens  
0403011 Immigrants  
0403012 Inner-City  
0403013 Minorities and Disadvantaged  
0403014 Native Americans  
0403015 Refugees  
0403016 Veterans  
0403017 Volunteers  
0403018 Women

0404000 BEHAVIORAL/SOCIAL  
STUDIES/SERVICES, OTHER

0404001 Addictions  
0404002 Aging/Gerontology  
0404003 Alcohol/Alcoholism  
0404004 Child Development  
0404005 Consumer Behavior  
0404006 Day Care  
0404007 Death and Dying  
0701010 Death and Dying, Health and  
Physical Needs  
0404008 Disasters  
0404009 Drugs/Drug Abuse  
0404010 Food Stamps  
0404011 Halfway Programs  
0404012 Hospices  
0503018 Learning Motivation  
0701029 Mental and Emotional Health  
0412005 Political Behavior  
0404013 Poverty and the Poor  
0404014 Racism/Race Relations  
0404015 Rape/Sexual Abuse  
0404016 School Food Programs  
0404017 Social Services Delivery  
0404018 Sex Roles  
0404019 Smoking Behavior  
0404020 Suicide  
0404021 Surveys  
0404022 Terrorism  
0404023 Violent Behavior  
0404024 Work Motivation

0405000 COMMUNICATIONS  
0901002 Advertising  
0405001 Broadcast Media  
0313002 Journalism  
0405002 Print Media  
0901039 Public Relations

0406000 COUNSELING/GUIDANCE  
0503008 Counseling/Guidance (Educ.)  
0406001 Crisis Counseling  
0406002 Family/Marriage Counseling  
0406003 Vocational Counseling

0407000 CRIMINOLOGY  
0407001 Correctional Institutions/  
Procedures  
0407002 Crime Causation  
0407003 Crime Control  
0407004 Criminal Behavior  
0407005 Criminal Justice  
0801018 Judicial/Law Administration  
0407006 Juvenile Delinquency  
0801021 Law Enforcement  
0407007 Non-Violent/White-Collar Cri  
0407008 Victimization/Compensation

0408000 ECONOMICS  
0408001 Agricultural Economics  
0408002 Econometrics  
0901015 Economic Development  
0309003 Economic History  
0408003 Economic Theory  
0408004 Energy Economics  
0408005 Fiscal Theory/Application  
0408006 Health Care Economics  
0408007 International Economics  
0901022 International Trade and  
Finance  
0408008 Labor Economics  
0408009 Macroeconomics  
0408010 Microeconomics  
0408011 Political Economics  
0408012 Regional Economics

0409000 GEOGRAPHY  
0409001 Cartography  
0409002 Geographic Quantitative  
Methods  
0409003 Geography, Economic  
1007004 Geography, Environmental  
0409004 Geography, Linguistic  
1005004 Geography, Physical  
0409005 Geography, Political  
0409006 Geography, Social  
0409007 Geography, Urban

0410000 LINGUISTICS



0411000 PLANNING/POLICY STUDIES  
 0201007 Agricultural  
 1006011 Energy  
 0701023 Health  
 0310001 Humanities  
 0411001 International  
 0411002 National  
 0901035 Management/Commerce  
 0411003 Public  
 0411004 Regional  
 0307007 Regional/Urban Design  
 0411005 Risk Analysis  
 0411006 Rural  
 1014002 Science  
 1016003 Technology  
 0606042 Transportation Engineering  
 0411007 Urban

0412000 POLITICAL SCIENCE  
 (See Also: LAW)

0412001 Civil/Human Rights  
 0412002 Government Regulations  
 0412003 Government Studies  
 0412004 International Relations  
 0412005 Political Behavior  
 0408011 Political Economics  
 0412006 Political Theory  
 0404022 Terrorism

0413000 POPULATION STUDIES  
 0413001 Demography  
 0413002 Human Reproduction/Fertility  
 0413003 Migration  
 0413004 Population Biology  
 0413005 Population Control

0414000 PSYCHOLOGY  
 (See Also: EDUCATIONAL MODES/  
 PSYCHOLOGY/THEORY)

0414001 Analytical Psychology  
 0414002 Applied Psychology  
 0414003 Behavioral Psychology  
 0404004 Child Development  
 0414004 Clinical Psychology  
 0414005 Cognitive Development/  
 Processes  
 0414006 Developmental Psychology  
 0414007 Educational Psychology  
 0414008 Humanistic Psychology  
 0414009 Industrial Psychology  
 0701029 Mental and Emotional Health  
 0414010 Parapsychology  
 0414011 Physiological Psychology  
 0414012 Psychobiology  
 0414013 Psychometrics  
 0414014 Social Psychology

0415000 REHABILITATION/THERAPY  
 0415001 Emotional/Social  
 0415002 Occupational/Vocational  
 0415003 Physical

0416000 SOCIAL SERVICES  
 (See: AREA & POPULATION  
 STUDIES/SERVICES, and  
 BEHAVIORAL/SOCIAL  
 STUDIES/SERVICES)

0404017 Social Services Delivery

0417000 SOCIOLOGY  
 0417001 Applied Sociology  
 0417002 Comparative Sociology  
 0417003 Organizational Theory  
 and Behavior  
 0901032 Organizational Theory  
 and Behavior (Mgmt./Comm.)  
 0417004 Social Measurement  
 and Indicators  
 0417005 Social Stratification/Mobility  
 0417006 Sociological Theory  
 0502034 Sociology Education

0501000	EDUCATIONAL ADMINISTRATION AND POLICY	0503000	EDUCATIONAL MODES/PSYCHOLOGY/ THEORY (See Also: PSYCHOLOGY)
0501001	Educational Finance	0503001	Academic Achievement
0801012	Educational Law	0503002	Affective Development
0501003	Equal Educational Opportunity	0503003	Alternative Modes Education
0501004	Politics of Education	0503004	Bilingual/Bicultural Education
0501005	Private & Parochial Education	0503005	Classroom Instruction
0501006	Public Education	0414005	Cognitive Development/ Processes
0501007	Rural Education	0503006	Comparative Education
0501008	Community & School Relations	0503007	Computer-Assisted Instruction
0501009	School Desegregation	0503008	Counseling/Guidance (Educ.)
0501010	School Organization	0503009	Discipline Problems
0501011	Transfer Students	0503010	Education, Organizational Theory and Behavior
0501012	Urban Education	0503011	Education and Work
0501013	Volunteers (Education)	0503012	Educational Evaluation/ Assessment
0502000	EDUCATIONAL/INSTRUCTIONAL PROGRAMS	0414007	Educational Psychology
0502001	Agriculture Education	0503013	Educational Television
0502002	Alcohol Education	0503014	Educational Testing/ Measurement
0502003	Art Education	0503015	History/Philosophy of Education
0502004	Basic Skills Education	0503016	Instructional Materials and Practices
0502005	Business Education	0503017	Instructional Television
0502006	Career Education & Planning	0503018	Learning Motivation
0502007	Consumer Education/ Information	0503019	Literacy
0502008	Dance Education	0503020	Parent Involvement
0502009	Dental Health Education	0503021	Play
0502010	Driver Education	0503022	Teacher Attitudes
0502011	Drug Education		
0502012	Energy Education	0504000	ELEMENTARY/SECONDARY EDUCATION
0502013	English Education	0504001	Elementary Education
0502014	English as a Second Language	0504002	High School Education
0502015	Environmental Education	0504003	Junior High School Education
0502016	Foreign Languages Education	0504004	Middle School Education
0502017	Health and Safety Education		
0502018	Home Economics Education	0505000	HIGHER EDUCATION
0502019	Humanities/Liberal Education	0505001	Adult & Continuing Education
0502020	Industrial Arts Education	0505002	College Students
0502021	Language Arts Education	0505003	Higher Education - Private
0502022	Legal Education	0505004	Higher Education - Public
0502023	Mathematics Education	0505005	Junior & Community Colleges
0502024	Medical Education		
0502025	Metric Education	0506000	PRE-SCHOOL EDUCATION
0502026	Music Education		
0502027	Nursing Education	0507000	SPECIAL EDUCATION
0502028	Nutrition Education	0507001	Compensatory Education
0502029	Physical Education	0507002	Emotionally Disturbed Education
0502030	Reading Education	0507003	Gifted or Talented Education
0502031	Science Education	0507004	Handicapped Education
0502032	Sex Education	0507005	Learning Disabled Education
0502033	Social Science Education	0507006	Remedial Education
0502034	Sociology Education		
0502035	Speech/Communication Education		
0502036	Teacher Education		
0502037	Values Education		
0502038	Vocational/Technical Education		
0502039	Writing/Composition Education		

Q600000

ENGINEERING(See Also: SCIENCE & TECHNOLOGY/MATHEMATICS/COMPUTER SCIENCE)

0601000	AERONAUTICAL AND ASTRONAUTICAL ENGINEERING	0606032	Structural Design
0601001	Aerodynamics	0606033	Structural Dynamics
0601002	Aeroelasticity	0606034	Structural Engineering
		0606035	Structure Reliability
		0606036	Traffic Engineering
0602000	BIOENGINEERING	0606037	Transportation Engineering
		0606038	Transportation Engineering Design
0603000	BIOMEDICAL ENGINEERING	0606039	Transportation Engineering Economics
		0606040	Transportation Engineering, Environmental Impacts
0604000	CERAMIC ENGINEERING	0606041	Transportation Engineering, Intermodal Studies
		0606042	Transportation Engineering, Planning/Policy Studies
0605000	CHEMICAL ENGINEERING	0606043	Transportation Surveys
1007005	Air Pollution	0606044	Tunnels
1003009	Colloid Chemistry	0606045	Waste Water Treatment
1003012	Organic Chemistry	1007008	Water Pollution
1003013	Petroleum Chemistry	0606046	Water Resources (Engineering)
0605001	Process Development Engineering	1007010	Water Resources, Environmental Impacts
0605002	Unit Operations Engineering	0606047	Water Resources Management/Planning
		0606048	Water Supply
0606000	CIVIL ENGINEERING	0606049	Water Treatment
1007005	Air Pollution	0606050	Waterways and Harbors
0606001	Architectural Engineering		
0603000	Biomedical Engineering	0607000	ELECTRONICS AND ELECTRICAL ENGINEERING
0606002	Coastal & Ocean Engineering	0607001	Applied Electronics
0606003	Computer-Assisted Design (Civil Engineering)	0603000	Biomedical Engineering
0606004	Concrete Structures	0607002	Communication Systems
0606005	Construction Engineering	0607003	Computer Design
0606006	Construction Management	0607004	Control Systems (Electronics & Electrical Engineering)
0606007	Dams and Earth Structures	0607005	Electric Power Conversion
0606008	Earthquake Engineering	0607006	Electric Power Generation
0606009	Engineering Geology	0607007	Electric Power Transmission
0606010	Environmental Engineering	0607008	Electromagnetic Propagation
0606011	Fluid Mechanics (Civil Eng.)	0607009	Lasers (Engineering)
0606012	Geotechnical Engineering	1013014	Lasers and Masers (Physical Sciences)
0606013	Hydraulic Engineering	0607010	Microelectronics
0606014	Landslides	0607011	Microwave Theory
0606015	Materials Engineering	0607012	Navigation & Guidance Systems
0606016	Materials, Engineering Properties	0607013	Optical Communications
0606017	Materials Recovery	0607014	Pattern & Character Recognition (Engineering)
0606018	Materials Science (Engineering)	0607015	Plasma Electronics
0606019	Materials Testing	0607016	Radar
0606020	Numerical Models	0607017	Range and Tracking Systems
0606021	Nuclear Materials Transport	0607018	Remote Sensing (Electronics & Electrical Engineering)
0606022	Nuclear/Radioactive Waste Disposal	0607019	Robotics (Electronics & Electrical Engineering)
0606023	Pavements	0607020	Solid State Electronics
0606024	Rock Mechanics	0607021	Surveillance Systems
0606025	Sanitary Engineering	0607022	Systems Engineering
0606026	Sanitary Engineering, Environmental Impacts	1018005	Telecommunications
0606027	Soil Mechanics & Foundations	0607023	Telemetry
0606028	Soil/Structure Interaction	0607024	Ultrasonic Technology
0606029	Solid Waste Disposal		
0606030	Steel Structures		
0606031	Structural Analysis		

0608000 INDUSTRIAL ENGINEERING  
 0608001 Engineering Administration/  
           Management  
 0608002 Engineering Innovation  
           Processes  
 0608003 Engineering, Management  
           Information Systems  
 0608004 Engineering, Personnel  
           Management  
 0608005 Engineering, Project  
           Management  
 0608006 Engineering Statistics  
 0608007 Ergonomics  
 0608008 Human Factors Engineering  
 0608009 Industrial Relations  
 0608010 Industrial Systems  
           Engineering  
 0608011 Manufacturing Processes  
           (Industrial Engineering)  
 0608012 Operations Research  
           (Engineering)  
 0608013 Production Engineering  
 0608014 Quality Control (Engineering)  
 0608015 Reliability (Engineering)  
 0608016 Value Engineering

0609023 Marine Engineering  
 0609024 Mechanical Systems  
 0609025 Mechanics  
 0609026 Medical Devices Engineering  
 1008010 Nuclear Energy  
 0609027 Nuclear Engineering  
 0609028 Nuclear Technology  
           (See Also: NUCLEAR SCIENCES)  
 0609029 Plasticity  
 0609030 Propulsion  
 0609031 Robotics  
           (Mechanical Engineering)  
 0609032 Solar Heating  
 0609033 Solid Mechanics  
 0609034 Thermodynamics Engineering  
 0609035 Thermosciences Engineering  
 0609036 Turbomachinery

0610000 MINING ENGINEERING  
 0610001 Materials Processing  
           Engineering  
 1011001 Ocean Mining

#### 0611000 PETROLEUM ENGINEERING

0609000 MECHANICAL ENGINEERING  
 1007005 Air Pollution  
 0609001 Automation  
 0609002 Automotive Engineering  
 0609003 Combustion  
 0609004 Computer-Assisted Design  
           (Mechanical Engineering)  
 0609005 Continuum Mechanics  
 0609006 Control Systems  
           (Mechanical Engineering)  
 0609007 Elasticity  
 0609008 Electromechanical Systems  
 0609009 Emission Control  
 1006001 Energy Audits  
 1006004 Energy Conservation/  
           Consumption  
 1006005 Energy Conversion  
 1006011 Energy Planning/Policy  
 1006012 Energy, Renewable Resources  
 1006013 Energy, Solar  
 1006014 Energy Storage  
 1006015 Energy Systems  
 1006016 Energy Technology  
 1006018 Energy, Tidal  
 1006020 Energy, Wind  
 0609010 Engineering Design  
 0609011 Engines  
 0609012 Environmental Design  
 0609013 Fatigue (Engineering)  
 0609014 Fluid Mechanics  
           (Mechanical Engineering)  
 0609015 Fracture  
 0609016 Gas Turbines  
 0609017 Heat Transfer  
 0609018 Heating, Ventilation and  
           Air Conditioning  
 0609019 Industrial Design  
 0609020 Machine Design  
 0609021 Magnetohydrodynamics  
 0609022 Manufacturing  
           (Mechanical Engineering)

0701001 Adolescent Health  
 0701002 Aerospace Biomedicine  
 0701003 Aging/Gerontology (Health and Safety)  
 0404003 Alcohol/Alcoholism  
 0502002 Alcohol Education  
 0701004 Audiology  
 0602000 Bioengineering  
 0603000 Biomedical Engineering  
 1002012 Biometry  
 0701005 Birth/Congenital Defects  
 0701006 Chiropractic  
 0701007 Communication Disorders  
 0701008 Communication Disorders, Hearing  
 0701009 Communication Disorders, Speech  
 (See Also: Speech Pathology)  
 0701010 Death and Dying, Health and Physical Needs  
 0502009 Dental Health Education  
 0701011 Dental Health and Hygiene  
 0701012 Dentistry  
 0404008 Disasters  
 0502011 Drug Education  
 0404009 Drugs/Drug Abuse  
 0701013 Epidemiology  
 0701014 Family Health/Planning/Safety  
 0701015 Health, Allied Fields  
 0701016 Health Care  
 0701017 Health Care Administration  
 0408006 Health Care Economics  
 0701018 Health, Environmental  
 0701019 Health Facilities Studies  
 0701020 Health Insurance  
 0701021 Health Maintenance Organizations  
 0701022 Health Manpower/Professions  
 0701023 Health Planning/Policy  
 0701024 Health, Radiation Effects  
 0701025 Health Records  
 0502017 Health and Safety Education  
 0701026 Health Services Delivery  
 0701027 Maternal and Child Health  
 0701028 Medical Ethics  
 0701029 Mental and Emotional Health  
 0701030 Midwifery  
 0701031 Nurse Practitioner  
 0701032 Nursing  
 0502027 Nursing Education  
 0701033 Nursing Homes  
 0202022 Nutrition/Dietetics  
 0502028 Nutrition Education  
 0701034 Occupational Safety & Health  
 0701035 Optometry  
 0701036 Pain  
 0701037 Patient Care and Education  
 0701038 Pharmacology  
 0701039 Pharmacy  
 0701040 Poison Control  
 0701041 Preventive Dentistry  
 0701042 Preventive Medicine  
 0701043 Public Health  
 0415002 Rehabilitation/Therapy, Occupational/Vocational  
 0415003 Rehabilitation/Therapy, Physical  
 0411005 Risk Analysis  
 0701044 Safety  
 0502032 Sex Education  
 0701045 Speech Pathology  
 (See Also: Communication Disorders)  
 0701046 Stress  
 0701047 Traffic Safety  
 0701048 Trauma

0800000

LAW

0801001 Administrative Law  
0801002 Agricultural Law  
0801003 Banking Law  
0801004 Business Law  
0801005 Civil Law  
0801006 Communications Law  
0801007 Constitutional Law  
0801008 Consumer Law  
0801009 Corporate Law  
0801010 Criminal Law  
0801011 Domestic Relations (Law)  
0801012 Educational Law  
0801013 Environmental Law  
0801014 Forensic Law  
0801015 Housing Law  
0801016 Immigration Law  
0801017 International and Comparative Law  
0801018 Judicial/Law Administration  
0311000 Jurisprudence  
0801019 Juvenile Law  
0801020 Labor Law  
0801021 Law Enforcement  
0309006 Law History  
0502022 Legal Education  
0801022 Maritime Law  
0801023 Military Law  
0801024 Mining Law  
0801025 Patents, Copyrights, Trademarks



(See Also: BEHAVIORAL/SOCIAL SCIENCES)

0901001 Accounting  
 0901002 Advertising  
 0408001 Agricultural Economics  
 0901003 Auditing  
 0901004 Automation, Office  
 0901005 Banking  
 0901006 Bankruptcy  
 0901007 Business Administration  
 0901008 Business Communications  
 0602005 Business Education  
 0901009 Business Ethics  
 0801004 Business Law  
 0901010 Commerce  
 0901011 Computer Technology  
 0404005 Consumer Behavior  
 0802007 Consumer Education/Information  
 0901012 Consumer Services  
 0901013 Credit  
 0901014 Currency  
 0901015 Economic Development  
 0309003 Economic History  
 0408003 Economic Theory  
 0408000 Economics  
 0901016 Efficiency Studies  
 0901017 Employee Benefits  
 0901018 Finance  
 0901019 Hotel & Restaurant Management  
 0901020 Industry  
 0901021 Insurance  
 0408007 International Economics  
 0901022 International Trade & Finance  
 0901023 Investments and Securities  
 0408008 Labor Economics  
 0901024 Leadership  
 0408009 Macroeconomics  
 0901025 Management Information Systems  
 0901026 Management Sciences  
 0901027 Manpower Research  
 0901028 Marketing  
 0901029 Marketing Research  
 0408010 Microeconomics  
 0201041 Migrant Labor  
 0901030 Minority/Woman-Owned Business  
 0901031 Operations Research  
 0901032 Organizational Theory and Behavior (Mgmt./Comm.)  
 0901033 Parks & Recreation Management  
 0901034 Personnel  
 0901035 Planning/Policy Studies, Management/Commerce  
 (See Also: PLANNING/POLICY STUDIES)  
 0901036 Price Change  
 0901037 Public Administration  
 0411003 Public Planning/Policy  
 0901039 Public Relations  
 0901040 Purchasing/Procurement  
 0901041 Quality/Product Control  
 0608014 Quality Control (Engineering)  
 0901042 Real Estate  
 0901043 Small Business  
 0901044 Statistics, Business  
 0901045 Taxes and Taxation  
 0901046 Utilities  
 0901047 Word/Text Processing (Management/Commerce)  
 0404024 Work Motivation



(See Also: ENGINEERING)

1001000 **ATMOSPHERIC SCIENCES**  
 1001001 Air Pollution  
           (Atmospheric Sciences)  
 1001002 Atmosphere: Composition,  
           Disturbance, Physics  
 1001003 Climatology  
 1001004 Clouds  
 1001005 Meteorology  
 1001006 Precipitation  
 1001007 Probes and Satellites,  
           Atmospheric  
 1001008 Remote Sensing  
           (Atmospheric Sciences)  
 1001009 Weather Modification

1002000 **BIOLOGICAL SCIENCES**  
           (See Also: AGRICULTURE)  
 1002001 Anatomy  
 1002002 Animal Breeding and  
           Facilities, Scientific  
           (See Also: Animal  
           listings under AGRI.)

1002003 Bacteriology  
 1003002 Biochemistry  
 1008005 Biological Oceanography  
 1002004 Biology, Cellular  
 1002005 Biology, Conservation  
 1002006 Biology, Developmental  
 1007001 Biology, Environmental  
 1002007 Biology, Metabolic  
 1002008 Biology, Molecular  
 1002009 Biology, Radiation  
 1002010 Biology, Regulatory  
 1002011 Biology, Systematic  
 1002012 Biometry  
 1013004 Biophysics  
 1002013 Botany  
 1002014 Cancer/Carcinogenesis  
 1002015 Cytology  
 1002016 Ecology  
 1002017 Embryology  
 1002018 Entomology  
 1002019 Genetics  
 1002020 Herpetology  
 1002021 Histology  
 1002022 Ichthyology  
 1002023 Immunology  
 1002024 Instrumentation, Biological  
 1002025 Limnology  
 1002026 Mammalogy  
 1002027 Microbiology  
 0201042 Migratory Animals and Birds  
 1002028 Mutagenics  
 1002029 Mycology  
 1002030 Neuroscience  
 1002031 Ornithology  
 1002032 Parasitology  
 1002033 Photosynthesis  
 1002034 Physiological Processes  
 1002035 Plant Breeding  
 1002036 Plant Diseases/Pathology  
 1002037 Plant Genetics  
 1002038 Plant Nutrition  
 1002039 Plant Physiology  
 1002040 Plant Sciences  
 1002041 Plant Virology

0201042 Pollen and Pollination  
 1002042 Reproduction  
 1002043 Sociobiology  
 1007009 Toxicology  
 1002044 Vertebrate Physiology  
 1002045 Viral Studies  
 1002046 Vision  
 1002047 Zoology

1003000 **CHEMICAL SCIENCES**  
 1003001 Atomic & Molecular Structure  
 1003002 Biochemistry  
 1003003 Chemical Dynamics  
 1003004 Chemical Effects  
           (Chemical Sciences)  
 1013020 Chemical Physics  
 1003005 Chemical Properties  
 1003006 Chemical Synthesis  
 1003007 Chemistry  
 1003008 Chemistry, Analytical  
 1003009 Chemistry, Colloid  
 1007002 Chemistry, Environmental  
 1003010 Chemistry, Inorganic  
 1003011 Chemistry, Nuclear  
 1003012 Chemistry, Organic  
 1003013 Chemistry, Petroleum  
 1003014 Chemistry, Physical  
 1005002 Geochemistry

1004000 **COMPUTER SCIENCE**  
 1004001 Computer Applications  
 1004002 Computer-Assisted  
           Design  
 0503007 Computer-Assisted  
           Instruction  
 1004003 Computer Engineering  
 1004004 Computer Graphics  
 1004005 Computer Modeling  
 1004006 Computer Programming  
           Systems/Languages  
 1004007 Computer Software  
 1004008 Computer Storage & Retrieval  
 1004009 Computer Systems Analysis  
 1004010 Computer Theory  
 1004011 Computers & Systems, Digital  
 1004012 Control Applications  
           (Computer Sciences)  
 1004013 Control Theory  
           (Computer Sciences)  
 1004014 Cryptography  
 1004015 Cybernetics  
 1004016 Data Analysis  
 1004017 Information Science/Systems  
 1004018 Information Theory  
 1004019 Instrumentation, Medical  
           (Computer Sciences)  
 1004020 Library Automation  
 1004021 Machine Translation  
 1004022 Pattern Recognition  
           (Computer Sciences)  
 1004023 Publishing, Electronic  
 1004024 Word/Text Processing  
           (Computer Sciences)

1005000 EARTH SCIENCES  
 1005001 Air-Sea Boundary Interactions  
 1005002 Geochemistry  
 1005003 Geodesy  
 1005004 Geography, Physical  
 (See Also: GEOGRAPHY list  
 under BEH./SOC. SCIENCES)  
 1005005 Geology  
 1005006 Geology, Coastal  
 1005007 Geology, Economic  
 1005008 Geology, Marine  
 1005009 Geology, Physical  
 1005010 Geology, Structural  
 1005011 Geomorphology  
 1013009 Geophysics  
 1005012 Glaciology  
 1005013 Hydrology  
 1005014 Instrumentation,  
 Earth Sciences  
 1005015 Mineral Resources  
 1005016 Mineralogy  
 1008004 Oceanography  
 1008006 Oceanography, Physical  
 1005017 Paleontology  
 1005018 Petroleum Science  
 1005019 Petrology  
 1005020 Remote Sensing,  
 Earth Sciences  
 1005021 Sedimentology  
 1005022 Seismology  
 1005023 Stratigraphy  
 1005024 Tectonics

1006000 ENERGY  
 (See Also: NUCLEAR SCIENCES)  
 1006001 Energy Audits  
 1006002 Energy, Biomass  
 1006003 Energy, Chemical  
 1006004 Energy Conservation/  
 Consumption  
 1006005 Energy Conversion  
 0408004 Energy Economics  
 0502012 Energy Education  
 1006006 Energy, Electrical  
 1006007 Energy, Fusion  
 1006008 Energy, Geothermal  
 1006009 Energy, Hydroelectric  
 1006010 Energy, Nuclear  
 1006011 Energy Planning/Policy  
 1006012 Energy, Renewable Resources  
 1006013 Energy, Solar  
 1006014 Energy Storage  
 1006015 Energy Systems  
 1006016 Energy Technology  
 1006017 Energy, Thermal  
 1006018 Energy, Tidal  
 1006019 Energy Transmission  
 1006020 Energy, Wind  
 1006021 Fossil Fuels  
 1006022 Fuel Cells  
 0607009 Lasers (Engineering)  
 1013014 Lasers and Masers  
 (Physical Sciences)  
 1006023 Ocean Thermal Gradients  
 1006024 Thermosciences

1007000 ENVIRONMENTAL STUDIES  
 1002018 Ecology  
 1007001 Environmental Biology  
 1007002 Environmental Chemistry  
 0609012 Environmental Design  
 0608016 Environmental Education  
 1007003 Environmental Effects  
 1009004 Environmental Effects  
 (Materials Sciences)  
 1007004 Environmental Geography  
 0701018 Environmental Health  
 0801013 Environmental Law  
 0608021 Nuclear Materials Transport  
 0608022 Nuclear/Radioactive  
 Waste Disposal  
 1012003 Nuclear/Radioactive Wastes  
 1012004 Nuclear Safety  
 1007005 Pollution, Air  
 1007006 Pollution, Land  
 1007007 Pollution, Noise  
 1007008 Pollution, Water  
 0411005 Risk Analysis  
 0608029 Solid Waste Disposal  
 1007009 Toxicology  
 0608045 Waste Water Treatment  
 0201061 Water Resources (Agriculture)  
 0608046 Water Resources (Engineering)  
 1007010 Water Resources,  
 Environmental Impacts  
 0608047 Water Resources  
 Management/Planning

1008000 MARINE SCIENCES  
 0608002 Coastal & Ocean Engineering  
 1008001 Coastal Processes  
 1008002 Estuarine Sciences  
 1011001 Ocean Mining  
 1008003 Oceanographic Facilities  
 1008004 Oceanography  
 1008005 Oceanography, Biological  
 1008006 Oceanography, Physical  
 1008007 Sea Water Properties

1009000 MATERIALS SCIENCES  
 1009001 Ceramics/Refractories  
 1009002 Corrosion  
 1009003 Crystallography  
 1009004 Environmental Effects  
 (Materials Sciences)  
 1009005 Fatigue/Fracture  
 1009006 Materials, Amorphous  
 1009007 Materials, Composite  
 1009008 Materials, Polymeric  
 1009009 Materials Processing  
 and Finishing  
 1009010 Mechanical Properties  
 (Materials Sciences)  
 1009011 Metallurgy  
 1009012 Metallurgy, Extractive  
 and Process  
 1009013 Polymer Science  
 1009014 Superconductivity  
 (Materials Sciences)

1010000	MATHEMATICS	1003014	Physical Chemistry
1010001	Algebra	1013018	Physics
1010002	Analysis & Functional Analysis	1013019	Physics, Atomic
1010003	Applied Mathematics	1013020	Physics, Chemical
1010004	Calculus	1013021	Physics, Elementary Particle
1010005	Finite Mathematics	1013022	Physics, High Energy
1010006	Geometry	1013023	Physics, Nuclear
1010007	Logic	1013024	Physics, Particle
1010008	Mathematical Foundations	1013025	Physics, Plasma
0608023	Mathematics Education	1013026	Physics, Radiation
0608026	Metric Education	1013027	Physics, Solar
1010009	Number Theory	1013028	Physics, Solid State
1010010	Numerical Analysis	1013029	Physics, Theoretical
1010011	Operations Research (Mathematics)	1013030	Planetary Studies
1010012	Probability	1013031	Radiosources, Infrared, X-Ray, Gamma Ray
1010013	Statistics	1013032	Relativity
1010014	Topology	1013033	Solar Studies
1010015	Trigonometry	1013034	Spectroscopy
		1013035	Superconductivity (Physical Sciences)
		1013036	Synchrotron Radiation
		1013037	Thermodynamics
1011000	MINING		
	(See Also: MINING ENGINEERING)		
1011001	Ocean Mining	1014000	SCIENCE, GENERAL/OTHER
		0309008	History of Science and Technology
1012000	NUCLEAR SCIENCES	1014001	Instrumentation, Scientific
	(See Also: ENERGY, and ENVIRONMENTAL STUDIES)	0502031	Science Education
1003011	Nuclear Chemistry	1014002	Science Planning/Policy
1008010	Nuclear Energy		
0609027	Nuclear Engineering	1015000	SPACE SCIENCES
1012001	Nuclear Fission	1015001	Aeronautics
1012002	Nuclear Medicine	1015002	Astronautics
1013023	Nuclear Physics	1015003	Lunar Sciences
1012003	Nuclear/Radioactive Wastes	1015004	Probes and Satellites, Space
1012004	Nuclear Safety		
	[Also: Disasters (0404008)]		
0609028	Nuclear Technology	1016000	TECHNOLOGY
		1016001	Appropriate Technology
1013000	PHYSICAL SCIENCES	1016002	Technology Assessment
1013001	Acoustics	1016003	Technology Planning/Policy
1013002	Astronomy	1016004	Technology Transfer
1013003	Astrophysics	1016005	Telecommunications
1013004	Biophysics		(See Also: ELECTRONICS & ELECTRICAL ENGINEERING)
1013005	Celestial Mechanics		
1013006	Condensed Matter	1017000	TEXTILES
1013007	Dielectric Properties		
1013008	Galaxies, Stellar Systems		
1013009	Geophysics		
1013010	Gravitation		
1013011	High Pressure Sciences		
1013012	Instrumentation & Techniques (Physical Sciences)		
1013013	Interstellar Studies		
0607009	Lasers (Engineering)		
1013014	Lasers and Masers (Physical Sciences)		
1013015	Low Temperature Sciences		
1015003	Lunar Sciences		
1013016	Magnetics		
1013017	Optics		

1100000

OTHER

1101000 FIRE/FLAMMABILITY STUDIES

1102000 HOUSING

1103000 LIBRARY SCIENCE

1104000 MILITARY SCIENCES/MILITARY HISTORY

1105000 PEACE/AMNESTY

1106000 RECREATION AND LEISURE STUDIES

1107000 UNIVERSITY/INDUSTRY COOPERATIVE ACTIVITIES

# KEYWORDS--ALPHABETICAL LIST

0503001	Academic Achievement	0102000	ANTARCTICA
0901001	Accounting	0401000	ANTHROPOLOGY
1013001	Acoustics	0401001	Anthropology, Cultural/Social
0404001	Addictions	0401002	Anthropology, Physical
0403001	Adolescence	0109001	Antilles
0701001	Adolescent Health	0113001	Arab States
0901002	Advertising	0103001	Arabian Peninsula
0601001	Aerodynamics	0402000	ARCHAEOLOGY
0601002	Aeroelasticity	0606001	Architectural Engineering
0601000	AERONAUTICAL & ASTRONAUTICAL ENGINEERING	0307001	Architecture
1015001	Aeronautics	0111001	Arctic
0701002	Aerospace Biomedicine	0110002	Arctic Ocean
0301000	AESTHETICS	0403000	AREA AND POPULATION STUDIES/SERVICES
0503002	Affective Development	0302000	AREA STUDIES (ARTS/ HUMANITIES RELATED)
0112001	Afghanistan	0112005	Argentina
0101000	AFRICA	0303001	Art Administration
0101001	Africa, Central	0305001	Art Criticism
0101002	Africa, Eastern	0502003	Art Education
0101003	Africa, Northern	0309004	Art History and Appreciation
0101004	Africa, Southern	0319001	Art Works/Artifacts
0101005	Africa, Western	0303000	ARTS, GENERAL/OTHER
0404002	Aging/Gerontology	0300000	ARTS/HUMANITIES/CULTURAL ACTIVITIES
0701003	Aging/Gerontology (Health and Safety)	0103000	ASIA
0201001	Agricultural Chemical Application	0103002	Asia, Central
0201002	Agricultural Collectives/ Cooperatives	0103003	Asia, East (Far East)
0201003	Agricultural Commodities	0103005	Asia, Northern
0408001	Agricultural Economics	0103006	Asia, Southeast
0201004	Agricultural Engineering	0103007	Asia, Southern
0201005	Agricultural Finance	0103008	Asia, Western
0801002	Agricultural Law	1015002	Astronautics
0201006	Agricultural Management	1013002	Astronomy
0201007	Agricultural Planning/Policy	1013003	Astrophysics
0201000	AGRICULTURE	0110003	Atlantic Ocean
0502001	Agriculture Education	1001002	Atmosphere: Composition, Disturbance, Physics
0200000	AGRICULTURE/FOOD SCIENCES/ FOODS	1001000	ATMOSPHERIC SCIENCES
0201008	Agronomy	1003001	Atomic & Molecular Structure
1007005	Air Pollution	0701004	Audiology
1001001	Air Pollution (Atmospheric Sciences)	0901003	Auditing
1005001	Air-Sea Boundary Interactions	0112006	Australia
0114001	Alaska	0112007	Austria
0112002	Albania	0609001	Automation
0502002	Alcohol Education	0901004	Automation, Office
0404003	Alcohol/Alcoholism	0609002	Automotive Engineering
1010001	Algebra	0109002	Azores
0112003	Algeria	1002003	Bacteriology
1010002	Analysis & Functional Analysis	0112008	Bahamas
1002001	Anatomy	0112009	Bahrain
0112004	Angola	0203001	Bakery Products
0201009	Animal Behavior/Ethology	0110004	Baltic Sea
0201010	Animal Breeding	0112010	Bangladesh
1002002	Animal Breeding & Facilities, Scientific	0901005	Banking
0201011	Animal Care	0901006	Bankruptcy
0201012	Animal Communication	0400000	BEHAVIORAL/SOCIAL SCIENCES
0201013	Animal Diseases/Pathology	0404000	BEHAVIORAL/SOCIAL STUDIES/SERVICES, OTHER
0201014	Animal Drugs	0112011	Belgium
0201015	Animal Feeds/Nutrition	0112012	Belize
0201016	Animal Genetics	0112013	Benin
0201017	Animal Housing	0110005	Bering Sea
0201018	Animal Physiology	0109003	Bermuda
0201019	Animal Science	0203002	Beverages, Alcoholic
0201020	Animal Waste	0203003	Beverages, Non-Alcoholic
0110001	Antarctic Ocean	0112014	Bhutan
		1003002	Biochemistry
		0602000	BIOENGINEERING
		1008005	Biological Oceanography



1002000	BIOLOGICAL SCIENCES	0110008	China Seas
1002004	Biology, Cellular	0701006	Chiropractic
1002005	Biology, Conservation	0313001	Cinema/Video
1002006	Biology, Developmental	0606000	CIVIL ENGINEERING
1007001	Biology, Environmental	0412001	Civil/Human Rights
1002007	Biology, Metabolic	0503005	Classroom Instruction
1002008	Biology, Molecular	1001003	Climatology
1002009	Biology, Radiation	1001004	Clouds
1002010	Biology, Regulatory	0606002	Coastal and Ocean Engineering
1002011	Biology, Systematic	1008001	Coastal Processes
1006002	Biomass Energy	0203007	Coffee
0603000	BIOMEDICAL ENGINEERING	0414005	Cognitive Development/ Processes
1002012	Biometry	1003009	Colloid Chemistry
1013004	Biophysics	0112028	Colombia
0701005	Birth/Congenital Defects	0203008	Color Additives
0110006	Black Sea	0609003	Combustion
0403002	Blacks	0901010	Commerce
0112015	Bolivia	0201021	Commodity Futures
1002013	Botany	0701007	Communication Disorders
0112016	Botswana	0701008	Communication Disorders, Hearing
0112017	Brazil	0701009	Communication Disorders, Speech
0113002	British Commonwealth of Nations		(See Also: Speech Pathology)
0104001	British Isles	0607002	Communication Systems
0405001	Broadcast Media	0405000	COMMUNICATIONS
0112018	Bulgaria	0501008	Community & School Relations
0112019	Burma	0403004	Community/Outreach Programs
0112020	Burundi	0112029	Comoros
0901007	Business Administration	1004001	Computer Applications
0901008	Business Communications	0607003	Computer Design
0502005	Business Education	1004003	Computer Engineering
0901009	Business Ethics	1004004	Computer Graphics
0801004	Business Law	1004005	Computer Modeling
0203004	Cacao Products	1004006	Computer Programming Systems/Languages
1010004	Calculus	1004000	COMPUTER SCIENCE
0112021	Cameroon	1004007	Computer Software
0112022	Canada	1004008	Computer Storage & Retrieval
0109004	Canary Islands	1004009	Computer Systems Analysis
1002014	Cancer/Carcinogenesis	0901011	Computer Technology
0203005	Candy	1004010	Computer Theory
0112023	Cape Verde	1004002	Computer-Assisted Design
0110007	Caribbean Sea	0606003	Computer-Assisted Design (Civil Engineering)
0409001	Cartography	0609004	Computer-Assisted Design (Mechanical Engineering)
1013005	Celestial Mechanics	0503007	Computer-Assisted Instruction
0112024	Central African Republic	1004011	Computers & Systems, Digital
0107001	Central America	0606004	Concrete Structures
0604000	CERAMIC ENGINEERING	1013006	Condensed Matter
0320001	Ceramics (Visual Arts)	0112030	Congo
1009001	Ceramics/Refractories	0201022	Conservation (Agriculture)
0203006	Cereals	0606005	Construction Engineering
0112025	Chad	0606006	Construction Management
1003003	Chemical Dynamics	0404005	Consumer Behavior
1003004	Chemical Effects (Chemical Sciences)	0502007	Consumer Education/Information
0605000	CHEMICAL ENGINEERING	0901012	Consumer Services
1013020	Chemical Physics	0609005	Continuum Mechanics
1003005	Chemical Properties	1004012	Control Applications (Computer Sciences)
1003000	CHEMICAL SCIENCES	0607004	Control Systems (Electronics & Electrical Engineering)
1003006	Chemical Synthesis	0609006	Control Systems (Mechanical Engineering)
1003007	Chemistry	1004013	Control Theory (Computer Sciences)
1003008	Chemistry, Analytical	0407001	Correctional Institutions/ Procedures
1003009	Chemistry, Colloid	1009002	Corrosion
1007002	Chemistry, Environmental	0112031	Costa Rica
1003010	Chemistry, Inorganic		
1003011	Chemistry, Nuclear		
1003012	Chemistry, Organic		
1003013	Chemistry, Petroleum		
1003014	Chemistry, Physical		
0404004	Child Development		
0403003	Children and Youth		
0112026	Chile		
0112027	China (People's Republic)		

0203009	Cottonseeds	0408000	ECONOMICS
0406000	COUNSELING/GUIDANCE	0408001	Economics, Agricultural
0503008	Counseling/Guidance	0408004	Economics, Energy
	(Education)	0408006	Economics, Health Care
0406001	Counseling, Crisis	0408007	Economics, International
0406002	Counseling, Family/Marriage	0408008	Economics, Labor
0406003	Counseling, Vocational	0408011	Economics, Political
0320002	Craft Arts	0408012	Economics, Regional
0304000	CREATIVE WRITING	0112039	Ecuador
0304001	Creative Writing, Drama	0500000	EDUCATION
0304002	Creative Writing, Fiction	0502006	Education & Planning, Career
0304003	Creative Writing, Non-Fiction	0503011	Education and Work
0304004	Creative Writing, Poetry	0505001	Education, Adult & Continuing
0304005	Creative Writing, Translation	0502001	Education, Agriculture
0901013	Credit	0502002	Education, Alcohol
0407002	Crime Causation	0503003	Education, Alternative Modes
0407003	Crime Control	0502003	Education, Art
0407007	Crime, Non-Violent/ White-Collar	0502004	Education, Basic Skills
		0503004	Education, Bilingual/ Bicultural
0407004	Criminal Behavior	0502005	Education, Business
0407005	Criminal Justice	0505002	Education, College Students
0407000	CRIMINOLOGY	0503006	Education, Comparative
0406001	Crisis Counseling	0507001	Education, Compensatory
0305000	CRITICISM	0502008	Education, Dance
0201023	Crop Insurance	0502009	Education, Dental Health
0201024	Crop Science	0502010	Education, Driver
0403005	Cross-Cultural	0502011	Education, Drug
1004014	Cryptography	0504001	Education, Elementary
1009003	Crystallography	0504000	EDUCATION, ELEMENTARY/ SECONDARY
0112032	Cuba	0507002	Education, Emotionally Disturbed
0306000	CULTURAL ACTIVITIES	0502012	Education, Energy
0901014	Currency	0502013	Education, English
1004015	Cybernetics	0502015	Education, Environmental
0112033	Cyprus	0501003	Education, Equal Opportunity
1002015	Cytology	0502016	Education, Foreign Languages
0112034	Czechoslovakia	0507003	Education, Gifted or Talented
0203010	Dairy Products	0507004	Education, Handicapped
0201025	Dairy Science	0502017	Education, Health and Safety
0606007	Dams and Earth Structures	0504002	Education, High School-
0316001	Dance	0505000	EDUCATION, HIGHER
1004016	Data Analysis	0505003	Education, Higher - Private
0404006	Day Care	0505004	Education, Higher - Public
0404007	Death and Dying	0503015	Education, History/ Philosophy of
0701010	Death and Dying, Health and Physical Needs	0502018	Education, Home Economics
		0502019	Education, Humanities/Liberal
0320003	Decorative Arts	0502020	Education, Industrial Arts
0413001	Demography	0505005	Education, Junior and Community Colleges
0112035	Denmark	0504003	Education, Junior High School
0701011	Dental Health and Hygiene	0502021	Education, Language Arts
0502009	Dental Health Education	0507005	Education, Learning Disabled
0701012	Dentistry	0502022	Education, Legal
0701041	Dentistry, Preventive	0502023	Education, Mathematics
0307000	DESIGN ARTS	0502024	Education, Medical
0113003	Developing/Underdeveloped Nations	0502025	Education, Metric
1013007	Dielectric Properties	0504004	Education, Middle School
0203011	Dietary Foods	0502026	Education, Music
0404008	Disasters	0502027	Education, Nursing
0503009	Discipline Problems	0502028	Education, Nutrition
0112036	Djibouti	0503010	Education, Organizational Theory and Behavior
0112037	Dominica	0502029	Education, Physical
0112038	Dominican Republic	0502029	Education, Physical
0201026	Drainage	0501004	Education, Politics of
0316002	Dramatic/Theatre Arts	0506000	EDUCATION, PRE-SCHOOL
0320004	Drawing	0501005	Education, Private and Parochial
0502011	Drug Education	0501006	Education, Public
0404009	Drugs/Drug Abuse	0502030	Education, Reading
1005000	EARTH SCIENCES	0507006	Education, Remedial
0606008	Earthquake Engineering		
1002016	Ecology		
0408002	Econometrics		
0901015	Economic Development		
0309003	Economic History		
0408003	Economic Theory		



0501007	Education, Rural	1006018	Energy, Tidal
0502031	Education, Science	1006020	Energy, Wind
0502032	Education, Sex	0600000	ENGINEERING
0502033	Education, Social Science	0608001	Engineering Administration/
0502034	Education, Sociology		Management
0507000	EDUCATION, SPECIAL	0609010	Engineering Design
0502035	Education, Speech and	0606009	Engineering Geology
	Communication	0608002	Engineering Innovation
0502036	Education, Teacher		Processes
0501011	Education, Transfer Students	0608006	Engineering Statistics
0501012	Education, Urban	0608003	Engineering, Management
0502037	Education, Values		Information Systems
0502038	Education, Vocational/	0608004	Engineering, Personnel
	Technical		Management
0501013	Education, Volunteers	0608005	Engineering, Project
0502039	Education, Writing/		Management
	Composition	0609011	Engines
0502007	Education/Information,	0502014	English as a Second
	Consumer		Language
0501000	EDUCATIONAL ADMINISTRATION	1002018	Entomology
	AND POLICY	1007001	Environmental Biology
0503012	Educational Evaluation/	1007002	Environmental Chemistry
	Assessment	0609012	Environmental Design
0501001	Educational Finance	0307002	Environmental Design/
0801012	Educational Law		Technology
0503000	EDUCATIONAL MODES/PSYCHOLOGY/	0502015	Environmental Education
	THEORY	1007003	Environmental Effects
0414007	Educational Psychology	1009004	Environmental Effects
0503013	Educational Television		(Materials Sciences)
0503014	Educational Testing/	0606010	Environmental Engineering
	Measurement	1007004	Environmental Geography
0502000	EDUCATIONAL/INSTRUCTIONAL	0701018	Environmental Health
	PROGRAMS	0801013	Environmental Law
0901016	Efficiency Studies	1007000	ENVIRONMENTAL STUDIES
0112040	Egypt (United Arab Republic)	0701013	Epidemiology
0112041	El Salvador	0608007	Ergonomics
0609007	Elasticity	1008002	Estuarine Sciences
0607005	Electric Power Conversion	0901009	Ethics, Business
0607006	Electric Power Generation	0701028	Ethics, Medical
0607007	Electric Power Transmission	0112042	Ethiopia
0607008	Electromagnetic Propagation	0104000	EUROPE
0609008	Electromechanical Systems	0104002	Europe, Eastern
0607000	ELECTRONICS AND ELECTRICAL	0104003	Europe, Northern
	ENGINEERING	0104005	Europe, Southern
0607001	Electronics, Applied	0104006	Europe, Western
0607015	Electronics, Plasma	0113004	European Common Market
0607020	Electronics, Solid State	0109005	Falkland Islands
1002017	Embryology	0403006	Familial Abuse
0609009	Emission Control	0403007	Family
0901017	Employee Benefits	0701014	Family Health/Planning/
1006000	ENERGY		Safety
1006001	Energy Audits	0406002	Family/Marriage Counseling
1006004	Energy Conservation/	0201028	Farm and Ranch Management
	Consumption	0201027	Farm Machinery
1006005	Energy Conversion	0307003	Fashion/Textiles Design
0408004	Energy Economics	0609013	Fatigue (Engineering)
0502012	Energy Education	1009005	Fatigue/Fracture
1006011	Energy Planning/Policy	0203012	Feed Grains
1006014	Energy Storage	0201029	Fertilizers
1006015	Energy Systems	0112043	Fiji
1006016	Energy Technology	0901018	Finance
1006019	Energy Transmission	0112044	Finland
1006002	Energy, Biomass	1101000	FIRE/FLAMMABILITY STUDIES
1006003	Energy, Chemical	0408005	Fiscal Theory/Application
1006006	Energy, Electrical	0201030	Fish and Fisheries
1006007	Energy, Fusion	0606011	Fluid Mechanics
1006008	Energy, Geothermal		(Civil Engineering)
1006009	Energy, Hydroelectric	0609014	Fluid Mechanics
1006010	Energy, Nuclear		(Mechanical Engineering)
1006012	Energy, Renewable Resources	0308001	Folk/Ethnic Arts
1006013	Energy, Solar	0308000	FOLK/ETHNIC STUDIES
1006017	Energy, Thermal	0308002	Folklore and Mythology

0202001	Food Additives	0112054	Guinea
0202002	Food Analysis	0112055	Guinea-Bissau
0202019	Food and Trade Policy	0110009	Gulf of Mexico
0202003	Food Chemistry	0112056	Guyana
0202004	Food Consumption	0112057	Haiti
0202005	Food Distribution	0404011	Halfway Programs
0202006	Food Drying	0403008	Handicapped/Disabled
0202007	Food Engineering	0114004	Hawaii
0202008	Food Labeling	0700000	HEALTH AND SAFETY
0202009	Food Management	0502017	Health and Safety Education
0202010	Food Manufacturing	0701016	Health Care
0202011	Food Marketing	0701017	Health Care Administration
0202012	Food Practices	0408006	Health Care Economics
0202013	Food Preparation	0701019	Health Facilities Studies
0202014	Food Preservation	0701020	Health Insurance
0202015	Food Processing	0701021	Health Maintenance
0202016	Food Safety		Organizations
0202000	FOOD SCIENCES	0701022	Health Manpower/Professions
0404010	Food Stamps	0701023	Health Planning/Policy
0202017	Food Storage	0701025	Health Records
0202018	Food Technology	0701026	Health Services Delivery
0203000	FOODS	0701015	Health, Allied Fields
0202020	Foods, Frozen	0701018	Health, Environmental
0201031	Forest Economics	0701024	Health, Radiation Effects
0201032	Forestry and Woodlands	0609017	Heat Transfer
1006021	Fossil Fuels	0609018	Heating, Ventilation and
0609015	Fracture		Air Conditioning
0112045	France	0108001	Hemisphere, Eastern
0112046	French Guiana	0108002	Hemisphere, Northern
0203013	Fruits	0108003	Hemisphere, Southern
1006022	Fuel Cells	0108004	Hemisphere, Western
0112047	Gabon	0201034	Herbicides
0109006	Galapagos Islands	1002020	Herpetology
1013008	Galaxies, Stellar Systems	1013011	High Pressure Sciences
0112048	Gambia	0403009	Hispanics
0609016	Gas Turbines	1002021	Histology
1002019	Genetics	0309000	HISTORY
1005002	Geochemistry	0309004	History & Appreciation of Art
1005003	Geodesy	0309005	History & Appreciation of Music
0409002	Geographic Quantitative	0309006	History of Law
	Methods	0309007	History of Philosophy
0409000	GEOGRAPHY	0309008	History of Science
0409003	Geography, Economic		and Technology
1007004	Geography, Environmental	0309001	History, Ancient/Classical
0409004	Geography, Linguistic	0309002	History, Byzantine
1005004	Geography, Physical	0309003	History, Economic
0409005	Geography, Political	0309009	History, Medieval
0409006	Geography, Social	0309010	History, Modern
0409007	Geography, Urban	0309011	History, Oral
1005005	Geology	0309012	History, Renaissance
1005006	Geology, Coastal	0503015	History/Philosophy
1005007	Geology, Economic		of Education
1005008	Geology, Marine	0112058	Honduras
1005009	Geology, Physical	0201035	Horticulture
1005010	Geology, Structural	0404012	Hospices
1010006	Geometry	0901019	Hotel & Restaurant Management
1005011	Geomorphology	1102000	HOUSING
1013009	Geophysics	0110010	Hudson Bay
0606012	Geotechnical Engineering	0608008	Human Factors Engineering
0112049	German Democratic Republic	0413002	Human Reproduction/Fertility
	(East Germany)	0310001	Humanities Planning/Policy
0112050	Germany, Federal Republic of	0310000	HUMANITIES, GENERAL/OTHER
	(West Germany)	0502019	Humanities/Liberal Education
0112051	Ghana	0112059	Hungary
1005012	Glaciology	0606013	Hydraulic Engineering
0412002	Government Regulations	1005013	Hydrology
0412003	Government Studies	0112060	Iceland
0201033	Grains	1002022	Ichthyology
0307004	Graphic Design	0403010	Illegal Aliens
1013010	Gravitation	0403011	Immigrants
0112052	Greece	1002023	Immunology
0109007	Greenland	0112061	India
0109008	Guam	0110011	Indian Ocean
0112053	Guatemala	0112062	Indonesia

0609019	Industrial Design	0312011	Language and/or Literature, Renaissance
0608000	INDUSTRIAL ENGINEERING	0312012	Language and/or Literature, Translation
0608009	Industrial Relations	0112076	Laos
0608010	Industrial Systems Engineering	0607009	Lasers (Engineering)
0901020	Industry	1013014	Lasers and Masers (Physical Sciences)
1004017	Information Science/Systems	0113005	Latin America
1004018	Information Theory	0800000	LAW
0403012	Inner-City	0801021	Law Enforcement
0503016	Instructional Materials and Practices	0309006	Law History
0503017	Instructional Television	0801001	Law, Administrative
1013012	Instrumentation & Techniques (Physical Sciences)	0801002	Law, Agricultural
1002024	Instrumentation, Biological	0801003	Law, Banking
1005014	Instrumentation, Earth Sciences	0801004	Law, Business
1004019	Instrumentation, Medical (Computer Sciences)	0801005	Law, Civil
1014001	Instrumentation, Scientific	0801006	Law, Communications
0901021	Insurance	0801007	Law, Constitutional
0307005	Interior Design	0801008	Law, Consumer
0201036	International Agriculture	0801009	Law, Corporate
0408007	International Economics	0801010	Law, Criminal
0412004	International Relations	0801011	Law, Domestic Relations
0901022	International Trade & Finance	0801012	Law, Educational
1013013	Interstellar Studies	0801013	Law, Environmental
0901023	Investments and Securities	0801014	Law, Forensic
0112063	Iran	0801015	Law, Housing
0112064	Iraq	0801016	Law, Immigration
0112065	Ireland	0801017	Law, International and Comparative
0201037	Irrigation	0801019	Law, Juvenile
0112066	Israel	0801020	Law, Labor
0112067	Italy	0801022	Law, Maritime
0112068	Ivory Coast	0801023	Law, Military
0112069	Jamaica	0801024	Law, Mining
0112070	Japan	0801025	Law--Patents, Copyrights, Trademarks
0110012	Japan, Sea of	0901024	Leadership
0320005	Jewelry/Metal Arts	0503018	Learning Motivation
0112071	Jordan	0112077	Lebanon
0313002	Journalism	0502022	Legal Education
0801018	Judicial/Law Administration	0112078	Lesotho
0311000	JURISPRUDENCE	0112079	Liberia
0407006	Juvenile Delinquency	1004020	Library Automation
0112072	Kampuchea (Cambodia)	1103000	LIBRARY SCIENCE
0112073	Kenya	0112080	Libya
0112074	Korea	1002025	Limnology
0112075	Kuwait	0410000	LINGUISTICS
0408008	Labor Economics	0503019	Literacy
0201038	Land Management	0305002	Literary Criticism
1007006	Land Pollution	0312004	Literature, Comparative
0307006	Landscape Architecture/Design	0201039	Livestock
0606014	Landslides	1010007	Logic
0312000	LANGUAGE AND/OR LITERATURE	1013015	Low Temperature Sciences
0312002	Language and/or Literature, Classical Greek	1015003	Lunar Sciences
0312003	Language and/or Literature, Classical Latin	0112081	Luxembourg
0312001	Language and/or Literature, Classical/Ancient	0609020	Machine Design
0312005	Language and/or Literature, Drama	1004021	Machine Translation
0312006	Language and/or Literature, Fiction	0408009	Macroeconomics
0312007	Language and/or Literature, Medieval	0112082	Madagascar
0312008	Language and/or Literature, Modern	1013016	Magnetics
0312009	Language and/or Literature, Non-Fiction	0609021	Magnetohydrodynamics
0312010	Language and/or Literature, Poetry	0112083	Malawi
		0112084	Malaysia
		0112085	Maldives
		0112086	Mali
		0112087	Malta
		1002026	Mammalogy
		0901025	Management Information Systems
		0901026	Management Sciences
		0900000	MANAGEMENT/COMMERCE
		0901027	Manpower Research

0609022	Manufacturing	0112092	Morocco
0608071	(Mechanical Engineering)	0112093	Mozambique
0319002	Manufacturing Processes	0314000	MUSEUMS
0109009	(Industrial Engineering)	0315000	MUSIC
0609023	Manuscripts/Books/Music Scores	0316003	Music Composition
1008000	Mariana Islands	0316004	Music Conducting
0901028	Marine Engineering	0305003	Music Criticism
0201040	MARINE SCIENCES	0502026	Music Education
0901029	Marketing	0309005	Music History & Appreciation
0606015	Marketing Agreements	0316005	Music, Instrumental
1009009	(Agriculture)	0316006	Music, Vocal
0610001	Marketing Research	0315001	Musicology/Music Theory
0606017	Materials Engineering	1002028	Mutagenics
0606018	Materials Processing	1002029	Mycology
1009000	and Finishing	0112094	Namibia
0606019	Materials Processing	0403014	Native Americans
1009006	Engineering	0607012	Navigation & Guidance Systems
1009007	Materials Recovery	0112095	Nepal
0606Q16	Materials Science	0112096	Netherlands
1009008	(Engineering)	1002030	Neuroscience
0701027	MATERIALS SCIENCES	0114006	New England
1010008	Materials Testing	0112097	New Zealand
1010000	Materials, Amorphous	0112098	Nicaragua
0502023	Materials, Composite	0112099	Niger
1010003	Materials, Engineering	0112100	Nigeria
1010005	Properties	0113006	Non-Aligned/Third World
0112088	Materials, Polymeric	0407007	Nations
0203014	Maternal and Child Health	0105000	Non-Violent/White-Collar
0202021	Mathematical Foundations	0110014	Crime
0609000	MATHEMATICS	0112101	NORTH AMERICA
1009010	Mathematics Education	1003011	North Sea
0609024	Mathematics, Applied	1006010	Norway
0609025	Mathematics, Finite	0609027	Nuclear Chemistry
0313000	Mauritania	1012001	Nuclear Energy
0609026	Meat and Meat Products	0606021	Nuclear Engineering
0701028	Meat Inspection	1012002	Nuclear Fission
0701042	MECHANICAL ENGINEERING	1013023	Nuclear Materials Transport
0701043	Mechanical Properties	1012004	Nuclear Medicine
0110013	(Materials Sciences)	1012000	Nuclear Physics
0701029	Mechanical Systems	0609028	Nuclear Safety
1009011	Mechanics	0606022	NUCLEAR SCIENCES
1009012	MEDIA ARTS	1012003	Nuclear Technology
1001005	Medical Devices Engineering	1010009	Nuclear/Radioactive
0502025	Medical Ethics	1010010	Waste Disposal
0112089	Medicine, Preventive	0606020	Nuclear/Radioactive Wastes
1002027	Mediterranean Sea	0701031	Number Theory
0408010	Mental and Emotional Health	0201043	Numerical Analysis
0607010	Metallurgy	0701032	Numerical Models
0607011	Metallurgy, Extractive	0502027	Nurse Practitioner
0103004	and Process	0701033	Nursery Stock
0701030	Meteorology	0502028	Nursing
0201041	Metric Education	0202022	Nursing Education
0413003	Mexico	0203015	Nursing Homes
0201042	Microbiology	0701034	Nutrition Education
1104000	Microeconomics	1011001	Nutrition/Dietetics
1005015	Microelectronics	1006023	Nuts
1005016	Microwave Theory	1008003	Occupational Safety & Health
1011000	Middle East	1008004	Ocean Mining
0610000	Midwifery	1008005	Ocean Thermal Gradients
0403013	Migrant Labor	1008006	OCEANIA (Including Australia)
0901030	Migration	0203016	Oceanographic Facilities
1002008	Migratory Animals and Birds	0112102	Oceanography
0112090	MILITARY SCIENCES/MILITARY	0316007	Oceanography, Biological
0112091	HISTORY	0901031	Oceanography, Physical
	Mineral Resources	0608012	Oils and Fats
	Mineralogy	1010011	Oilseeds
	MINING		Oman
	MINING ENGINEERING		Opera/Musical Theatre
	Minorities and Disadvantaged		Operations Research
	Minority/Woman-Owned Business		Operations Research
	Molecular Biology		(Engineering)
	Monaco		Operations Research
	Mongolia		(Mathematics)



0607013	Optical Communications	0411002	Planning/Policy, National
1013017	Optics	0411003	Planning/Policy, Public
0701035	Optometry	0411004	Planning/Policy, Regional
1003012	Organic Chemistry	0411006	Planning/Policy, Rural
0417003	Organizational Theory	1014002	Planning/Policy, Science
	& Behavior	1016003	Planning/Policy, Technology
0901032	Organizational Theory	0606042	Planning/Policy, Transportation Engineering
	& Behavior (Mgmt./Comm.)		
1002031	Ornithology	0411007	Planning/Policy, Urban
1100000	OTHER	1002035	Plant Breeding
0109010	Pacific Islands Trust	1002036	Plant Diseases/Pathology
	Territory	1002037	Plant Genetics
0110015	Pacific Ocean	1002038	Plant Nutrition
0701036	Pain	1002039	Plant Physiology
0320006	Painting	1002040	Plant Sciences
0112103	Pakistan	1002041	Plant Virology
1005017	Paleontology	0201046	Plant/Soil Nutrient Bioavailability
0112104	Panama		
0112105	Papua New Guinea	0609029	Plasticity
0112106	Paraguay	0503021	Play
0414010	Parapsychology	0701040	Poison Control
1002032	Parasitology	0112109	Poland
0503020	Parent Involvement	0412005	Political Behavior
0901033	Parks & Recreation Management	0408011	Political Economics
0701037	Patient Care and Education	0412000	POLITICAL SCIENCE
0607014	Pattern & Character	0412006	Political Theory
	Recognition (Engineering)	0201047	Pollen and Pollination
1004022	Pattern Recognition	1007005	Pollution, Air
	(Computer Sciences)	1007006	Pollution, Land
0606023	Pavements	1007007	Pollution, Noise
1105000	PEACE/AMNESTY	1007008	Pollution, Water
0316000	PERFORMING ARTS	1009013	Polymer Science
0901034	Personnel	0109011	Polynesia
0112107	Peru	0413004	Population Biology
0201044	Pest Management	0413005	Population Control
0201045	Pesticides	0413000	POPULATION STUDIES
1003013	Petroleum Chemistry	0112110	Portugal
0611000	PETROLEUM ENGINEERING	0203018	Poultry Products
1005018	Petroleum Science	0201048	Poultry Science
1005019	Petrology	0404013	Poverty and the Poor
0701038	Pharmacology	1001006	Precipitation
0701039	Pharmacy	0901036	Price Change
0112108	Philippines	0320007	Print Making
0317000	PHILOSOPHY	0405002	Print Media
0309007	Philosophy, History of	1010012	Probability
0503015	Philosophy/History of Education	1001007	Probes and Satellites, Atmospheric
0313003	Photography	1015004	Probes and Satellites, Space
1002033	Photosynthesis	0605001	Process Development
1003014	Physical Chemistry		Engineering
1013000	PHYSICAL SCIENCES	0201049	Production Economics and Management (Agriculture)
1013018	Physics		
1013019	Physics, Atomic	0608013	Production/Engineering
1013020	Physics, Chemical	0609030	Propulsion
1013021	Physics, Elementary Particle	0414012	Psychobiology
1013022	Physics, High Energy	0414000	PSYCHOLOGY
1013023	Physics, Nuclear	0414001	Psychology, Analytical
1013024	Physics, Particle	0414002	Psychology, Applied
1013025	Physics, Plasma	0414003	Psychology, Behavioral
1013026	Physics, Radiation	0414004	Psychology, Clinical
1013027	Physics, Solar	0414006	Psychology, Developmental
1013028	Physics, Solid State	0414007	Psychology, Educational
1013029	Physics, Theoretical	0414008	Psychology, Humanistic
1002034	Physiological Processes	0414009	Psychology, Industrial
1013030	Planetary Studies	0414011	Psychology, Physiological
0411000	PLANNING/POLICY STUDIES	0414014	Psychology, Social
0201007	Planning/Policy, Agricultural	0414013	Psychometrics
1006011	Planning/Policy, Energy	0901037	Public Administration
0701023	Planning/Policy, Health	0701043	Public Health
0310001	Planning/Policy, Humanities	0411003	Public Planning/Policy
0411001	Planning/Policy, International	0901039	Public Relations
0901035	Planning/Policy, Management/Commerce	1004023	Publishing, Electronic
		0901040	Purchasing/Procurement

0112111	Qatar	0502032	Sex Education
0608014	Quality Control (Engineering)	0404018	Sex Roles
0901041	Quality/Product Control	0112118	Seychelles
0404014	Racism/Race Relations	0112119	Sierra Leone
0607016	Radar	0112120	Singapore
1002009	Radiation Biology	0901043	Small Business
0313004	Radio	0404019	Smoking Behavior
1013031	Radiosources, Infrared, X-Ray, Gamma Ray	0417004	Social Measurement and Indicators
0607017	Range and Tracking Systems	0416000	SOCIAL SERVICES
0201050	Range Management	0404017	Social Services Delivery
0404015	Rape/Sexual Abuse	0417005	Social Stratification/Mobility
0901042	Real Estate	1002043	Sociobiology
1106000	RECREATION & LEISURE STUDIES	0417006	Sociological Theory
0110016	Red Sea	0417000	SOCIOLOGY
0403015	Refugees	0502034	Sociology Education
0307007	Regional/Urban Design	0417001	Sociology, Applied
0415000	REHABILITATION/THERAPY	0417002	Sociology, Comparative
0415001	Rehabilitation/Therapy, Emotional/Social	0606027	Soil Mechanics & Foundations
0415002	Rehabilitation/Therapy, Occupational/Vocational	0201052	Soil Sciences
0415003	Rehabilitation/Therapy, Physical	0201053	Soil Sciences, Conservation
1013032	Relativity	0201054	Soil Sciences, Erosion
0608015	Reliability (Engineering)	0201055	Soil Sciences, Soil Genesis
0318000	RELIGIOUS STUDIES	0606028	Soil/Structure Interaction
1001008	Remote Sensing (Atmospheric Sciences)	0609032	Solar Heating
1005020	Remote Sensing (Earth Sciences)	1013033	Solar Studies
0607018	Remote Sensing (Electronics & Electrical Engineering)	0609033	Solid Mechanics
1002042	Reproduction	0606029	Solid Waste Disposal
0319000	RESTORATION AND PRESERVATION	0112121	Solomon Islands
0411005	Risk Analysis	0112122	Somalia
0607019	Robotics (Electronics & Electrical Engineering)	0112123	South Africa
0609031	Robotics (Mechanical Engineering)	0107000	SOUTH AMERICA
0606024	Rock Mechanics	0113007	Soviet Bloc
0112112	Romania	0112124	Soviet Union (USSR)
0112113	Rwanda	1015000	SPACE SCIENCES
0701044	Safety	0112125	Spain
0112114	Saint Lucia	1013034	Spectroscopy
0109012	Samoa	0701045	Speech Pathology (See Also: Communication Disorders)
0606025	Sanitary Engineering	0203020	Spices and Flavorings
0606026	Sanitary Engineering, Environmental Impacts	0112126	Sri Lanka (Ceylon)
0112115	Sao Tome & Principe	1010013	Statistics
0112116	Saudi Arabia	0901044	Statistics, Business
0104004	Scandinavia	0606030	Steel Structures
0501009	School Desegregation	0201056	Stockyards
0404016	School Food Programs	1005023	Stratigraphy
0501010	School Organization	0701046	Stress
1000000	SCIENCE & TECHNOLOGY/ MATHEMATICS/ COMPUTER SCIENCE	0606031	Structural Analysis
0502031	Science Education	0606032	Structural Design
1014002	Science Planning/Policy	0606033	Structural Dynamics
1014000	SCIENCE, GENERAL/OTHER	0606034	Structural Engineering
0320008	Sculpture	0319003	Structural/Architectural Restoration & Preservation
1008007	Sea Water Properties	0606035	Structure Reliability
0203019	Seafood	0112127	Sudan
1005021	Sedimentology	0203021	Sugar
0201051	Seed Production	0404020	Suicide
1005022	Seismology	1009014	Superconductivity (Materials Sciences)
0112117	Senegal	1013035	Superconductivity (Physical Sciences)
0307008	Set/Theatre Decoration/Design	0112128	Suriname
		0607021	Surveillance Systems
		0404021	Surveys
		0112129	Swaziland
		0112130	Sweden
		0112131	Switzerland
		1013036	Synchrotron Radiation

0112132	Syria	0608016	Value Engineering
0607022	Systems Engineering	0203023	Vegetables
0112133	Taiwan (Nationalist China)	0112147	Venezuela
0112134	Tanzania	1002044	Vertebrate Physiology
0901045	Taxes and Taxation	0403016	Veterans
0203022	Tea	0201058	Veterinary Medicine
0503022	Teacher Attitudes	0201059	Veterinary Toxicology
1016000	TECHNOLOGY	0407008	Victimization/Compensation
1016002	Technology Assessment	0112148	Vietnam
1016003	Technology Planning/Policy	0404023	Violent Behavior
1016004	Technology Transfer	1002045	Viral Studies
1016001	Technology, Appropriate	0109013	Virgin Islands
1005024	Tectonics	1002046	Vision
1016005	Telecommunications	0320000	VISUAL ARTS
0607023	Telemetry	0406003	Vocational Counseling
0404022	Terrorism	0403017	Volunteers
0320009	Textile/Weaving Arts	0501013	Volunteers (Education)
1017000	TEXTILES	0606022	Waste Disposal, Nuclear/ Radioactive
0112135	Thailand	0606029	Waste Disposal, Solid
0305004	Theatre/Film Criticism	0201060	Waste Management (Agriculture)
1013037	Thermodynamics	0606045	Waste Water Treatment
0609034	Thermodynamics Engineering	1012003	Wastes, Nuclear/Radioactive
1006024	Thermosciences	1007008	Water Pollution
0609035	Thermosciences Engineering	0201061	Water Resources (Agriculture)
0112136	Tibet	0606046	Water Resources (Engineering)
0201057	Tobacco	0606047	Water Resources Management/ Planning
0112137	Togo	1007010	Water Resources, Environmental Impacts
1010014	Topology	0606048	Water Supply
1007009	Toxicology	0606049	Water Treatment
0606036	Traffic Engineering	0606050	Waterways and Harbors
0701047	Traffic Safety	1001009	Weather Modification
0606037	Transportation Engineering	0201062	Weed Sciences
0606038	Transportation Engineering Design	0109014	West Indies
0606039	Transportation Engineering Economics	0201063	Wildlife
0606042	Transportation Engineering Planning/Policy Studies	0403018	Women
0606040	Transportation Engineering, Environmental Impacts	0201064	Wood
0606041	Transportation Engineering, Intermodal Studies	1004024	Word/Text Processing (Computer Sciences)
0606043	Transportation Surveys	0901047	Word/Text Processing (Management/Commerce)
0701048	Trauma	0404024	Work Motivation
1010015	Trigonometry	0110017	Yellow Sea
0112138	Trinidad and Tobago	0112149	Yemen
0112139	Tunisia	0112150	Yugoslavia
0606044	Tunnels	0112151	Zaire
0609036	Turbomachinery	0112152	Zambia
0112140	Turkey	0112153	Zimbabwe (Rhodesia)
0112141	Uganda	1002047	Zoology
0607024	Ultrasonic Technology		
0605002	Unit Operations Engineering		
0112142	United Arab Emirates		
0112143	United Kingdom (Great Britain and Northern Ireland)		
0112144	United States		
0114002	United States, Atlantic Central		
0114003	United States, Great Lakes		
0114005	United States, Midwest		
0114007	United States, Northeast		
0114008	United States, Northwest		
0114009	United States, Southeast		
0114010	United States, Southwest		
1107000	UNIVERSITY/INDUSTRY COOPERATIVE ACTIVITIES		
0112145	Upper Volta		
0112146	Uruguay		
0901046	Utilities		



KEYWORD THESAURUS PROJECT NEWSLETTER - January 19, 1983

Dear KT Participants:

The beginning of the New Year seems an appropriate time to take stock of where we are in the Keyword Thesaurus Project. This letter is being sent to all participants to update you on the status of this project.

Agency representatives and university consultants met briefly in Washington in November and clarified some points on coding and procedures. Dr. Lynn Carroll Carroll is implementing this project at NSF and reported that, to his surprise, the NSF Program Officers were enthusiastic about the project and even though the coding was time-consuming, they liked the idea of the thesaurus and standardizing keywords and codes. The tone of the meeting was very positive, and both university and government participants were quite optimistic about the progress to date and the potential benefits of this program.

The first coded program announcement was that of NEH's Division of Education Programs. NSF has coded a number of program announcements, and we should be seeing those very soon. The NSF Bulletin for February will be coded and will also contain a very short description of the project by way of explaining the significance of the codes to those who are not participating in the project. NEH will also publish a very brief explanation in its publications. NIE will also be coding its announcements in the near future. NSF will not be coding its RFP's, since only five percent of them go to academic institutions, while the remaining ninety-five percent go to business or industrial firms.

NSF has awarded the project an additional \$6,000 to enable us to increase the number of colleges and universities participating in the project. Approximately 130 institutions have requested and received copies of the Thesaurus. In an effort to increase the level of participation, we sent out fliers to everyone on the mailing list of The National Council of University Research Administrators (NCURA) - about 1,600 persons. (Some of you who are already participating may have received a copy of the flier.) We have received over 200 additional requests to participate in the project, and we hope to have a total of 350 participants. We are quite pleased with the response of the college and university research offices.

Recent conversations with OMB officials regarding possible governmentwide implementation of the Keyword Thesaurus were quite encouraging. Depending upon the success of the current project, number of participants, savings, etc., we may finally get an OMB circular that colleges and universities support.

For those of you who have not yet returned your Evaluation Forms, let me urge you to get those in to me in the near future. Also, please take the time to make suggestions for improvements in the Thesaurus. We hope that your record-keeping will require very little staff time, but it will be crucial to this project. We need everyone's help to make the project as successful as possible. We appreciate your participation and hope that the Keyword Thesaurus Project will prove very beneficial to your institution. If you have any questions, suggestions, comments, etc., please contact us at AC 214/690-2211.

  
John A. Rodman  
Project Director

KEYWORD THESAURUS PROJECT NEWSLETTER - June 21, 1983

Dear KTP Participants:

To date, we have sent the Keyword Thesaurus to just over 700 persons who requested it in behalf of colleges and universities, libraries, publishing houses, and business firms. We ask you to continue evaluating the project through December 31, 1983. We will need your support in the form of suggestions for revisions as well as your evaluation of the effectiveness of the Thesaurus in helping you to identify the content of coded vs. uncoded announcements and to match the announcements to the appropriate faculty members.

A number of medical schools and several hospitals requested the Thesaurus, but found that it would be of limited use to them since it contains few medical terms. I plan to visit with NIH representatives in Bethesda on June 27 to discuss including a list of medical terms in a revised Thesaurus. When I talked with OMB officials in January, they indicated that at least two requirements must be fulfilled before government-wide implementation of the Thesaurus could be possible:

- (1) We must present them with a more comprehensive Thesaurus (i.e., one that includes medical terms), and
- (2) We must obtain the support of the various higher education organizations at 1 Dupont Circle in Washington.

Most of you probably saw the NSF article on the Thesaurus (NSF Bulletin, February, 1983, page 1). Items began to be coded in the April issue, and several NSF program announcements have also appeared with the codes attached. For those of you who may not have seen them, below are a few examples taken from the June, July, August Bulletin:

June 1, 1983. U.S.-Federal Republic of Germany Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson, Division of International Programs (357-9700). [P.T. 34, 42, 48; Loc. 0112050; K.W. 0400000, 0600000, 1000000]

Aug. 1, 1983. Anthropology. For research beginning after Feb. 1, 1984. Contact Dr. Stephen Brush, Division of Behavioral and Neural Sciences (357-7804). [P.T. 34; K.W. 0401000]

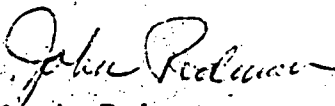
Aug. 1, 1983. Very Large Scale Integration (VLSI) Fast Turnaround Fabrication Service for Universities. (Brochure NSF 83-43). Contact Dr. Andrew Molnar, Office of Scientific and Engineering Personnel and Education (357-7539). [P.T. 18, 34, 40; K.W. 0502031, 0607000, 1004000]

Aug. 3, 1983. Information Science and Technology. Special research initiation awards for new investigators. (Brochures NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss, Division of Information Science and Technology (357-9572). [P.T. 34; K.W. 1004017, 1004018, 1004022, 1004024]

Let me once again urge those of you who have not returned the Background Information section of the Evaluation Forms, to get those two pages to us at your earliest convenience.

Our thanks to all those who have taken the time to send us your comments and suggestions. We will go over your feedback very carefully in attempting any future revisions. Your assistance and support on both the revisions and implementation of the Thesaurus are needed if we are to have a comprehensive government-wide document to assist all of us.

Have a good summer.

  
John A. Rodman  
Project Director

John A. Rodman, Director  
Keyword Thesaurus Project  
Office of Sponsored Projects  
University of Texas at Dallas  
P.O. Box 688  
Richardson, TX 75080

Non-Profit Org.  
U.S. POSTAGE  
PAID  
Richardson, TX 75080  
Permit No. 108

KEYWORD THESAURUS PROJECT UPDATE  
FOR NEW PARTICIPANTS  
March 24, 1983

Dear KTP Participants:

The enclosed materials are identical to those sent last summer to the 130 institutions who first requested the Keyword Thesaurus. Approximately 500 institutions have already requested and received the Thesaurus and this week we are mailing out 150 more. We are sending them to everyone who requested them (one per institutional unit), including medical schools, although the Thesaurus does not contain any biomedical terms. Perhaps some future version will include terms and codes suitable for NIH announcements.

We realize, of course, that not everyone who receives the Thesaurus will actually participate in the project, but we hope that most of you will choose to be a part of the experiment. Since it took longer than anticipated for all of us - agencies and institutions - to gear up, it appears that an extension of the project will probably be requested in order to give the project a fair trial period.

Please send us the 2-page Questionnaire at your earliest convenience. The first shipment of the monthly worksheets will be due on June 30. Please take the time to make suggestions for improvements in the Thesaurus. We hope that your recordkeeping will require very little staff time, but it will be crucial to this project. We need everyone's help to make this project as successful as possible. We appreciate your participation and hope that the Keyword Thesaurus Project will prove very beneficial to your institutions. If you have any questions, suggestions, comments, etc., please contact us at AC 214/690-2211.

Depending upon the success of the current project, number of participants, savings, etc., we may finally get an OMB circular that colleges and universities support.

*John A. Rodman*  
John A. Rodman  
Project Director

June 28, 1982

Dear Colleague:

Attached at long last is your copy of the Keyword Thesaurus developed under an NEH/NSF grant, along with the evaluation Questionnaire and record keeping form. First, I want to thank you personally for agreeing to participate in this experimental project and we hope this effort will be very beneficial to your University.

The Thesaurus includes over 1200 "research" terms divided into ten major disciplines, an alphabetical listing of terms, a seven digit code for each term, an Introduction to describe the usage of the Thesaurus, and a list of program types along with their codes.

Secondly, we feel that this is a comprehensive thesaurus but are also requesting your help in improving its value for the user. In order to evaluate the effectiveness of this project and to determine possible government-wide implementation it will be necessary for you to help us by completing the Evaluation Questionnaire:

Section I Background Information should be completed and returned no later than September 1, 1982.

Sections II and III should be completed at the termination of the project and forwarded to UTD by October 31, 1983.

The monthly worksheets should be completed and forwarded to UTD on a quarterly basis (December 31, 1982; March 31, 1983; June 30, 1983; September 30, 1983).

Please send all information to:

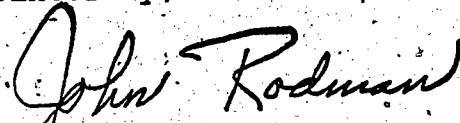
Ms. Elizabeth Hudson  
Office of Sponsored Projects FN 3.1  
The University of Texas at Dallas  
P. O. Box 688  
Richardson, Texas 75080

The Faculty Evaluation is a suggested form to get recipient input and value. You may prefer to develop your own form or use another instrument to obtain this information. (NOTE: It is very important that we receive some type of evaluation from the faculty, department chairmen and deans.) A summary should be forwarded along with Sections II and III by October 31, 1983.

Thirdly, NSF, NEH and NIE have a copy of the Thesaurus and are commencing keywording and coding of program announcements, RFP's, etc. Due to the lead time in government printing it will probably be October before these printed documents reach your office; therefore, October 1 will be the effective date for you to begin record keeping for this project. We hope that during July, August and September you will be developing your faculty profiles based on this Thesaurus and can begin implementation October 1, 1982.

Finally, we feel that staff time for record keeping is minimal but essential to determine the success of the project and government wide implementation. Again, thanks for your participation, good luck, and if you have any questions please contact me at 214/690-2211.

Sincerely,



John A. Rodman  
Director



EVALUATION  
NSF/NEH Funded Pilot Project  
"The Development and Implementation of a Keyword Thesaurus"

UTD 6/82

QUESTIONNAIRE

Name of Respondent \_\_\_\_\_  
Title of Respondent \_\_\_\_\_  
Institution \_\_\_\_\_  
Address \_\_\_\_\_  
Phone No.: \_\_\_\_\_

I. BACKGROUND INFORMATION

A. <u>Institution</u>			
Number of students FY '82		<u>FTE</u>	<u>Headcount</u>
(a) Undergraduate		_____	_____
(b) Graduate & Professional		_____	_____
Number of Faculty: Full Time _____			
Part Time _____			
B. <u>Sponsored Funds Volume</u>		<u>FY81</u>	<u>FY82</u>
Number of Proposals		_____	_____
Number of Awards		_____	_____
\$ Amount of Externally Funded Research:		_____	_____
Total \$ Amount of Sponsored Activity:		_____	_____
C. <u>Office of Sponsored Projects</u>			
Number of Office Staff (FTE)		<u>FY81</u>	<u>FY82</u>
Professional Staff:		_____	_____
Secretarial/Clerical:		_____	_____
Students:		_____	_____
Office Budget (optional)		\$ _____	\$ _____
Office reports to:			
(a) Graduate Dean _____	(d) VP/VC Research _____		
(b) VP Academic Affairs/Provost _____	(e) President _____		
(c) VP/VC Business Affairs _____	(f) Other _____		

- D. During the past year, what portion of the office staff effort was spent in the review and dissemination of program announcements:

\_\_\_\_\_ Total FTE                      \_\_\_\_\_ Headcount

- E. Please check which services the Research Office provides:

Pre-Award

Post-Award

- |   |                                  |
|---|----------------------------------|
| a) Proposal Development _____           | a) Establishing Accounts _____   |
| b) Resource Identification _____        | b) Reports _____                 |
| c) Newsletter/Info. Dissemination _____ | c) Monitoring Expenditures _____ |
| d) Proposal Typing _____                | d) Budget Revisions _____        |
| e) Editing/Writing Assistance _____     | e) Expense Summaries _____       |
| f) Budgeting _____                      | f) Indirect Cost Neg. _____      |
| g) Monitoring Proposal Submission _____ | g) Audit Disallowances _____     |
| h) Proposal Processing/Mailing _____    | h) Other (please list) _____     |
| i) Negotiations _____                   |                                  |
| j) Agency Liaison _____                 |                                  |
| k) Other (please identify) _____        |                                  |

II. KEYWORD THESAURUS:

- A. **Comprehensiveness of Thesaurus:** Are the major terms of interest to you included?

1. Please indicate how comprehensive you found the Thesaurus:

0	1	2	3	4	5	6	7	8	9	10
Not at all				Moderately			Comprehensive			
Comprehensive				Comprehensive						

2. **Specific Comments:** Please attach a list of any subject areas you feel should be added, deleted, or substituted.

- B. **Wording of Terms in the Thesaurus:** Are the terms in the Thesaurus adequately descriptive and precise?

1. Please indicate your estimation of the descriptive wording of the terms.

0	1	2	3	4	5	6	7	8	9	10
Low			Medium				High			

2. Do you feel that the terms in the Thesaurus are (check one):

☐ Not specific enough  
☐ Adequate  
☐ Too specific

3. **Specific comments:** Please attach a list of any terms which you feel are ambiguous, too broad, or too specific/limited.

- C. **Organization and Coding of Thesaurus:** Are the terms appropriately organized and coded?

1. Please indicate your estimation of the organization and coding of the Thesaurus:

0	1	2	3	4	5	6	7	8	9	10
Low			Medium				High			

- D. **Overall Value of Thesaurus:**  
Please indicate your judgement of the overall value of the Thesaurus:

0	1	2	3	4	5	6	7	8	9	10
Not at all			Moderately			Very				
Valuable			Valuable			Valuable				

If of low value, explain why:

E. Please list any problems you experienced in using the Thesaurus:

F. Other uses of Thesaurus:

Please check current or planned uses of terms in Thesaurus:

	<u>Current</u>	<u>Planned</u>
1. Proposal/Award Statistics	_____	_____
2. Assuming a database of faculty expertise, using terms or codes in Thesaurus:		
a. Faculty Research Directory	_____	_____
b. Donor Gifts to University	_____	_____
c. Speakers Bureau	_____	_____
d. Consultants Bureau	_____	_____
e. Site Visits	_____	_____
f. Campus Visitors	_____	_____
g. Identification of Appropriate Faculty for Graduate Students' Assistance	_____	_____
3. Other uses (Please specify):		

### III. KEYWORD PROJECT EVALUATION

- A. How did you match terms from the Keyword Thesaurus to your faculty's expertise?

☐ Card File  
☐ Human Resource  
☐ Other

Computerized System:  
☐ Word Processor  
☐ Micro/Mini Computer  
☐ Main Frame Computer

- B. In your opinion, did the project provide an overall enhancement in your ability to disseminate information?

Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, was the information:

(a) More appropriately targeted? Yes \_\_\_\_\_ No \_\_\_\_\_

(b) More timely? Yes \_\_\_\_\_ No \_\_\_\_\_

Comments:

- C. What reactions, if any, have you received from your faculty?  
 (Note: This is very important input if we are to implement this program government-wide. A brief faculty questionnaire is attached for your information and use.)

- D. In your opinion, how effective were the federal agencies in appropriately key wording and coding each announcement?

0	1	2	3	4	5	6	7	8	9	10
Ineffective			Moderately Effective				Very Effective			

Please comment by specific agency:

E. Organizational Impact:

How has the utilization of the keyword system affected your organizational structure or processes (e.g., shift in responsibility or level of resource identification, reorganization of office, time savings)? Has it had a financial impact?

## F. Summary of Records kept during project:

	<u>Coded</u>	<u>Uncoded</u>
1. Number of announcements read	_____	_____
2. Number of individual announcements forwarded	_____	_____
3. Number of persons sent announcements	_____	_____
4. Your overall perception of handling announcements		
	<u>Coded</u>	<u>No difference</u>
(a) Easier(mark one column)	_____	_____
(b) Faster(mark one column)	_____	_____

Comments:

G. Would you find it helpful to have all federal RFP's and program announcements coded?

Yes \_\_\_\_\_ No \_\_\_\_\_ No opinion \_\_\_\_\_

H. Please rate the overall value of the project:

0	1	2	3	4	5	6	7	8	9	10
Not at all			Moderately				Very			
Valuable			Valuable				Valuable			

I. Additional comments are welcome.



FACULTY EVALUATION  
OF  
INFORMATION DISSEMINATION SERVICES

1. Are you included in a database for dissemination of information on research, demonstration, training, service, and fellowship awards?

2. Approximately how many such notices have you received since \_\_\_\_\_ (date)?

Of these, what percentage came from the following sources:

\_\_\_\_\_ Research Administration Office  
\_\_\_\_\_ Dean/Department Head/Program Head  
\_\_\_\_\_ Colleagues  
\_\_\_\_\_ Other (please specify):

3. Generally, how appropriate have notices distributed by the Research Administration Office been in relation to your areas of interest?

0	1	2	3	4	5	6	7	8	9	10
Not at all			Somewhat				Very			
Appropriate			Appropriate				Appropriate			

4. Generally, how timely have such notices been?

0	1	2	3	4	5	6	7	8	9	10
Too late			Provided				Provided			
to submit			just time				ample time			
application			enough							

5. Please list your suggestions for improvement of information dissemination services:

FOR THE MONTH OF \_\_\_\_\_

INSTITUTION \_\_\_\_\_

NAME OF RESPONDENT \_\_\_\_\_

TITLE OF RESPONDENT \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_

Note: Copies of worksheets to be submitted quarterly - December 31, March 31, June 30, September 30

	<u>WEEK 1</u>		<u>WEEK 2</u>		<u>WEEK 3</u>		<u>WEEK 4</u>		<u>WEEK 5</u>		<u>TOTALS</u>	
	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>
NO. OF ANNOUNCEMENTS READ												
NO. OF INDIVIDUAL ANNOUNCEMENTS FORWARDED												
NO. OF PERSONS SENT ANNOUNCEMENTS												

PERCEPTION OF COMPARATIVE EASE OF HANDLING CODED VS. UNCODED ANNOUNCEMENTS:

	<u>WEEK 1</u>	<u>WEEK 2</u>	<u>WEEK 3</u>	<u>WEEK 4</u>	<u>WEEK 5</u>
CODED EASIER	_____	_____	_____	_____	_____
NO DIFFERENCE	_____	_____	_____	_____	_____
UNCODED EASIER	_____	_____	_____	_____	_____

Please list on the back any terms you feel should be added, deleted, or substituted.

General Comment:

FOR THE MONTH OF \_\_\_\_\_

INSTITUTION \_\_\_\_\_  
 NAME OF RESPONDENT \_\_\_\_\_  
 TITLE OF RESPONDENT \_\_\_\_\_  
 PHONE NUMBER \_\_\_\_\_

Note: Copies of worksheets to be  
 submitted quarterly - December 31,  
 March 31, June 30, September 30

	<u>WEEK 1</u>		<u>WEEK 2</u>		<u>WEEK 3</u>		<u>WEEK 4</u>		<u>WEEK 5</u>		<u>TOTALS</u>	
	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>	<u>CODED</u>	<u>UNCODED</u>
NO. OF ANNOUNCEMENTS READ												
NO. OF INDIVIDUAL ANNOUNCEMENTS FORWARDED												
NO. OF PERSONS SENT ANNOUNCEMENTS												

PERCEPTION OF COMPARATIVE EASE OF  
 HANDLING CODED VS. UNCODED ANNOUNCEMENTS:

	<u>WEEK 1</u>	<u>WEEK 2</u>	<u>WEEK 3</u>	<u>WEEK 4</u>	<u>WEEK 5</u>
CODED EASIER	_____	_____	_____	_____	_____
NO DIFFERENCE	_____	_____	_____	_____	_____
UNCODED EASIER	_____	_____	_____	_____	_____

Please list on the back any terms you feel should be added, deleted, or substituted.

General Comment: